

LEAVES  
FROM THE  
BOOK OF  
NATURE  
—  
EDINBURGH









LEAVES  
FROM THE  
**BOOK OF NATURE,**

CONTAINING THE PRINCIPAL ILLUSTRATIONS

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# LEAVES FROM THE BOOK OF NATURE.

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### SECOND DIVISION—ORNITHOLOGY.



## SECOND DIVISION—ORNITHOLOGY—Continued.

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10. Red-collared Bengaly.  
11. Red-billed Whidah. (78)

## LEAF XXX.—BIRDS OF W. AFRICA.

- Fig. 1. Grey-capped Gull.  
2. Yellow-crowned Weaver.  
3. Crested Tern.  
4. Black-zoned Plover.  
5. Striped-throated Lapwing.  
6. Yellow-billed Waterhen.  
7. Black-bodied Lapwing.  
8. Three-banded Sand Grouse.  
9. Long-tailed Cormorant.  
10. Senegal Courier.  
11. Red-eyed Pigeon. (101)

## LEAF XXXI.—BRITISH BIRDS.

- Fig. 1. White-tailed Sea Eagle.  
2. Honey Buzzard.  
3. Gos Hawk (female and young).  
4. Swallow-tailed Noddy.  
5. Golden Eagle.  
6. Hen Harrier and Ringtail.  
7. Osprey.  
8. Ash-coloured Harrier.  
9. Common Buzzard.  
10. Crested Spizaceus.  
11. Kite. (41)

## LEAF XXXII.—BRITISH BIRDS.

- Fig. 1. Red Falcon (adult and young).  
2. Kestrel (male and female).  
3. Neophron.  
4. Hobby.  
5. Merlin.  
6. Peregrine Falcon.  
7. Sparrow Hawk.  
8. Orange-legged Falcon. (8)

## LEAF XXXIII.—BRITISH BIRDS.

- Fig. 1. Rough-legged Buzzard.  
2. Eagle Owl.  
3. Snowy Owl.  
4. Tawny Owl.  
5. Long-eared Owl.  
6. White Owl.  
7. Head of White Owl.  
8. Marsh Harrier.  
9. Tengmalm's Night Owl.  
10. Naked-footed Night Owl.  
11. Scops-eared Owl. (114)

## LEAF XXXIV.—BRITISH BIRDS.

- Fig. 1. Golden Oriole.  
2. Tithys Redstart.  
3. Nightingale.  
4. Great Cinereous Shrike.  
5. Blackbird and Song Thrush.  
6. Wheatear.  
7. Blue Titmouse.  
8. Water Ouzel.  
9. Fire-crowned and Common Gold Crest. (26)

## LEAF XXXV.—BRITISH BIRDS.

- Fig. 1. Snow Bunting.  
2. Hawfinch.  
3. Rose-coloured Pastor.  
4. Waxwing.  
5. Raven.  
6. Jay.  
7. Grey Wagtail.  
8. Mountain Finch.  
9. Goldfinch. (70)

## LEAF XXXVI.—BRITISH BIRDS.

- Fig. 1. Corn Crake.  
2. Oystercatcher.  
3, 4, 5, & 6. Young of the Water Hen, the Partridge, the Curlew, and the Land Rail.  
7. Peewit.  
8. Little Crake.  
9. Heron.  
10. Water Rail.  
11. Common Coot.  
12. Spotted Crake.  
13. Collared Pratincole.  
14. Common Gallinule. (105)

## LEAF XXXVII.—BRITISH BIRDS.

- Fig. 1. Glossy Ibis.  
2. Wood Pigeons.  
3. Common Crane.  
4. Rock Ptarmigan.  
5. White Stork.  
6. Little Bustard.  
7. White Spoonbill.  
8. Night Heron.  
9. Little Egret.  
10. Woodcock.  
11. Bittern.  
12. Jack Snipe. (29)

## LEAF XXXVIII.—BRITISH BIRDS.

- Fig. 1. Crossbill.  
2. Roller.  
3. Bullfinch.  
4. Chimney Swallow.  
5. Kingfisher.  
6. Green Woodpecker.  
7. Cuckoo.  
8. Wren.  
9. European Nuthatch. (96)

## LEAF XXXIX.—BRITISH BIRDS.

- Fig. 1. & 2. Spotted Tanager and Common Tanager.  
3. Curlew.  
4. Ruff.  
5. & 6. Grey Phalarope.  
7. Avocet.  
8. Purre or Dunlin.  
9. Turnstone.  
10. Common Thick-knee.  
11. Ringed Dotterel.  
12. Black-tailed Godwit.  
13. Black-winged Stilt.  
14. Dusky Tanager. (91)

## LEAF XL.—BRITISH BIRDS.

- Fig. 1. Harlequin Garrot.  
2, 3, 4, & 5. Hooper, Mute Swan, Polish Swan, and Bewick's Swan.  
6. White-fronted Goose.  
7. Red-breasted Merganser.  
8. Common Sheldrake.  
9. Long-tailed or Northern Hareld.  
10. Eider Duck.  
11. Scaup Pochard.  
12. Surf Scoter.  
13 & 14. American Teal & European do.  
15. Shoveller. (21)

## LEAF XLI.—BRITISH BIRDS.

- Fig. 1. Red-throated Diver.  
2. Slavonian Grebe.  
3. Great Auk.  
4. Common Guillemot.  
5. Puffin.  
6. Crested Green Cormorant.  
7. Razorbill.  
8. Brindled Guillemot.  
9. Little Noddy, or Auk.  
10. Black Guillemot (summer and winter plumage). (65)

## LEAF XLII.—BRITISH BIRDS.

- Fig. 1. Sabine's Gull.  
2. Black-winged Laughing Gull.  
3. Lesser Black-backed Gull.  
4. Fulmar Petrel.  
5. Solan Goose (young and adult plumage).  
6. Richardson's Skua.  
7. Stormy Petrel.  
8. Black-headed Laughing Gull.  
9. Black Tern and Lesser Tern.  
10. Glaucous Gull. (80)

## THIRD DIVISION—ICHTHYOLOGY.

## LEAF I.—PERCHES.

- Fig. 1. Lates of the Nile.  
2. Basse.  
3. Granulated Perch.  
4. Black Bass of the Huron.  
5. Armed Euplossus.  
6. Two-banded Diploproct.  
7. Eleven-spined Centropomus.  
8. Ruby-colored Etelis.  
9. Common Pike-Perch.  
10. Spined Niphon. (24)

## LEAF II.—PERCHES.

- Fig. 1. Leopard-spotted Plectropoma.  
2. Large-eyed Pomatome.  
3. Arabian Cheilodipterus.  
4. Beautiful Plectropoma.  
5. Long-tailed Serranus.  
6. Lettered Serranus.  
7. Mediterranean Apogon.  
8. Large-finned Serranus.  
9. Commerson's Ambassis.  
10. Spined Serranus.  
11. Oriental Grammistes. (79)

## LEAF III.—PERCHES.

- Fig. 1. Brazilian Ryphticus.  
2. American Black Bass.  
3. Salmon-formed Growler.  
4. Cape Pentaceros.  
5. One-spotted Mesopron.  
6. Banded Diapoe.  
7. Many-spined Polyprion.  
8. Ruff.  
9. Olden-tailed Mesopron. (115)

## LEAF IV.—FISHES OF GUIANA.

- Fig. 1. Acanthus histrix.  
2. Hipostoma squalinum.  
3. Doras castaneus-ventris.  
4. Arius ocellatus. (22)

## LEAF IV.—Continued.

- Fig. 5. Pimelodus arekaima.  
6. Pimelodus insignis.  
7. Pimelodus notatus.  
8. Platisoma tigrinum. (10)

## LEAF V.—FISHES OF GUIANA.

- Fig. 1. Serrasalmo punctatus.  
2. Chalceus macrolepidotus.  
3. Sudis gigas.  
4. Serrasalmo piranha.  
5. Serrasalmo niger.  
6. & 7. Chalceus labrosus and Chalceus niger-teniatus.  
8. Anodus notatus.  
9. Osteoglossum arowana.  
10. Serrasalmo emarginatus.  
11. Hypothalpus davalia. (64)

## LEAF VI.—FISHES OF GUIANA.

- Fig. 1. Trygon strogilopterus.  
2. Trygon garra.  
3. Elipsurus spinicauda.  
4. Cychla orinocensis.  
5. Pacamah of Guiana.  
6. & 7. Unarmed Eremophilus and Pimelodus of the Volcanos.  
8. Cychla manoculus.  
9. Blunt-toothed Curimata.  
10. Guayana of Teacigua.  
11. Silurus Parkeri. (64)

## LEAF VII.—FISHES OF GUIANA.

- Fig. 1. Cychla nigro-maculata.  
2. Cychla trifasciata.  
3. Cychla rutilans.  
4. Cychla flavo-maculata.  
5. Cychla rubro-ocellata.  
6. Corvina grunniens.  
7. Cychla fasciata.  
8. Cychla argus.  
9. Cychla labrina.  
10. Belone gitanensis. (22)

## LEAF VIII.—FISHES OF GUIANA.

- Fig. 1. Centrarchus cyanopterus.  
2. Centrarchus cythra.  
3. Pomotis fasciatus.  
4. Dark-marked Centrarchus.  
5. Centrarchus vittatus.  
6. Centrarchus rostratus.  
7. Many-spined Trygon.  
8. Centrarchus niger.  
9. Gymnotus electricus.  
10. Gymnotus fasciatus. (44)

## LEAF IX.—FISHES OF GUIANA.

- Fig. 1. Erythrinus macrodont.  
2. Prochilodus insignis.  
3. Myletes pacu.  
4. Prochilodus rubro-tenius.  
5. Hydrocyon microlepis.  
6. Tetraodon Schomburgkii.  
7. Hydrocyon armatus.  
8. Schizodon fasciatus.  
9. Myletes pacu.  
10. Xiphodon ocellatum.  
11. Prochilodus binotatus. (104)

## LEAF X.—BRITISH FISHES.

- Fig. 1. & 2. Common Perch and Common Basse.  
3. & 4. Ruff and Greater Weaver.  
5. & 6. Red Surmullet and Long-finned Captain.  
7. Mailed Gurnard.  
8. & 9. Armed Bull-head or Pogge and Norway Haddock.  
10. Fifteen-spined Stickleback (nest and eggs).  
11. & 12. Maigre and Bearded Umbrina.  
13. & 14. Gilt-head and Braize. (5)

## FOURTH DIVISION—ENTOMOLOGY.

## LEAF I.—BEETLES.

- Fig. 1—4. Dytiscus dimidiatus, Gyri-nus natator, Cyclops vittatus, and Hydrous pycnos.  
5. & 6. Shining Buprestis and Resplendent Weevil.  
7—11. Atouchus sacer, Onthophagus Dillwynii, Phanaeus lancifer, P. carnifex, and Geotrupes stercorarius.  
12—16. Necrophorus humator, Necrodes littoralis, Silpha 4-maculata, Anthrenus scrophulariae, and Hister reniformis.  
17—21. Elater noctivagus, poratus, lineatus, subulalis, and distinctus.  
22—24. Carabus auratus, C. clathratus, and Teflus Megerlei.

## LEAF I.—Continued.

- Fig. 25—28. Staphylinus erythrurus, Zantholius fulgidus, Bolitobius atricapillus, and Zirophorus exaratus.  
29—32. Buprestis chrysis, stercorinus, bicolor, and amena.  
33—35. Calosoma sycophanta, Elaphrus riparius, and Mormolyce phyllodes.  
36—41. Elater melanocephalus, Lampyrus litorea, L. Latreilli, Lycus festinus, Malachius marginellus, and Priocera variegata.  
42—45. Cicindela aurulenta, Anthia decemguttata, Procerus Tauricus, and Carabus Hispanus. (20)

## LEAF II.—BEETLES.

- Fig. 1—6. Brentus anchorago, Rhina barbirostris, Curculio Cuvieri, Geoffroyi, vittatus, and spha-celatus.  
7. Goliathus magnus.  
8—13. Apoderus longicollis, gemmatus, and ruficollis, Rhynchites populi, pubescens, and collaris.  
14. Scarabaeus Hercules (male).  
15. Scarabaeus Atlas.  
16—21. Cetonina fascicularis, Macleayi, discoides, and Australasiae, Gymnetis nervosa and marmorea.  
22—25. Rutela pulchella, Macraspis fuscata, Melolontha fullo (male and female).

## LEAF II.—Continued.

- Fig. 26, 27. Chiasognathus Chiloensis and Lucanus cervus.  
28, 29. Scarabaeus titus (male and female).  
30, 31. Scarabaeus macropus and Chrysophora chrysochloa.  
32—35. Horia maculata, Meloe variegatus, Cantharis vesicatoria, and C. Nuttalli. (47)

## LEAF III.—BEETLES.

- Fig. 1—6. Alurnus marginatus, Eumolpus cupreus, Chrysomela cerealis, C. fastuosus, Edionychis cincta, and Coccinella 22-punctata.  
7. Priocera cervicornis. (90)

## LEAF III.—Continued.

- Fig. 8—13. Cassida bicornis, scalaris, micans, echinata, perforata, and luctuosa.  
14—19. Cassida sexpustulata, Clythra hirta, Chlamys monstrosa, Doryphora tessellata, Eryotylus histrio, and Spheniscus erytoides.  
20, 21. Acrocinus longimanus and Lamia subocellata.  
22—25. Lamia ornata, L. formosa, Desmocerius cyanus, and Lamia tricornata.  
26—30. Curculio Latreilli, sexdecim-punctatus, myrmosarius, and brunneus, and Callandra heros.  
31, 32. Sagra Buquetii (male & fem.)  
33, 34. Priocera corticinus and Lophoceros barbicornis. (90)

## LEAF IV.—FOREIGN BUTTERFLIES.

- Fig. 1—3. Pieris belisama, Anthracaris Danai, and Iphis leucippe.  
4. & 5. Leptocirus curius and Thais meliceste.  
6—8. Vanessa Juliana, Amatheia, and Orythia.  
9—12. Heliconia flora and diaphana, and Acraea pasiphae.  
13, 14. Rhiphaeus dasycephalus.  
15—18. Polyommatus Marsias and Eudymon.  
19—20. Papilio Ascanius and Paris.  
21—23. Erycina Melibeus.  
24, 25. Loxura Alcides.  
26, 27. Morpho Helenor. (4)



## LEAF V.—FOREIGN BUTTERFLIES.

- Fig. 1—4. *Heliconia flora*, *H. diaphana*, and *Aceras pasiphae*.  
 5. *Cethosia Dido*.  
 6. *Charaxes Jasius*.  
 7—9. *Heliconia erato*, *H. cynisca*, and *H. sylvana*.  
 10—12. *Nymphalis Ethiocles* and *N. Tiridates*.  
 13, 14. *Endymion Butterfly* and *Condomanus Butterfly*.  
 15—17. *Vanessa Juliana*, *V. Amatheia*, and *V. Orithya*.  
 18, 19. *Idea Agelia* and *Idea Daos*.  
 20, 21. *Marius Thetis* and *Fabius Hippona*.  
 22. *Cethosia Cyane*.  
 23, 24. *Peridromia Arethusa* and *P. Amphinome*. (98)

## LEAF VI.—FOREIGN BUTTERFLIES.

- Fig. 1—4. *Polyommatus Marsyas* and *P. Endymion*.  
 5—7. *Erycina Melibeus* and *Loxura Alcides*.  
 8, 9. *Urania Sloanus* and *U. Leilus*.  
 10—12. *Arpidea chorinea*, with caterpillar and chrysalis.  
 13. *Rhipheus dasycephalus*.  
 14. *Morpho Helenor*.  
 15, 16. *Morpho Adonis* and *Pavonia Teucer*.  
 17—20. *Catagramma Condomanus* and *C. Pyramus*.  
 21—24. *Polyommatus Venus* and *P. Achaus*.  
 25—27. *Helicopsis Gnidus* and *Erycina Octavius*.  
 28. *Thaliura Rhipheus*. (102)

## LEAF VII.—FOREIGN MOTHS.

- Fig. 1 & 2. *Heliconia fenestrata* and *Anthomyza Teresia*.  
 3. *Philampelus vitis*.  
 4, 5. *Metopsilus tersa* and *Sphinx Chionanthi*.  
 6—8. *Agarista picta*, *Eusemia lectrix*, and *E. maculatrix*.  
 9—11. *Eterusia tricolor*, *Erasmia pulchella*, and *Amesia sanguiflua*.  
 12—14. *Heptolus lignivora*, caterpillar of do., and *Zeuzera minea*.  
 15. *Metamorphoses of Cryptophasa irrata*.

## LEAF VII.—Continued.

- Fig. 16—22. Caterpillar of *A. erythrina*, do. of *B. molina*, do. of *B. nesia*, do. of *B. netrix*.  
 23—25. Caterpillar of *Metopsilus tersa*, do. of *Sphinx chionanthi*, do. of *Sphinx gaura*. (16)

## LEAF VIII.—FOREIGN MOTHS.

- Fig. 1—4. *Metamorphoses of Saturnia Prometheus*.  
 5—9. *Arctia Hebe*, *Spilosoma Arge*, *S. Virgo*, and caterpillar and chrysalis of do.  
 10—13. *Spilosoma acraea*, caterpillar and chrysalis of do., and *Arctia acutissima*.  
 14, 15. *Saturnia Cynthia* and *S. Mylitta*.  
 16, 17. *Saturnia Maia* and *Aglaia*.  
 18. *Hyalophora Cecropia*.  
 19—21. *Corotampo imperialis*, and *Harpyia Banksia* and caterpillar.  
 22. *Dorycampa regalis*.  
 23—25. Caterpillar of *S. Cynthia*, do. of *S. Mylitta*, and pedunculated cocoon of the latter.  
 26. *Saturnia Isis*. (67)

## LEAF IX.—FOREIGN MOTHS.

- Fig. 1—4. *Asthenia podaliraria*, *Macrotis netrix*, *Venilia sospita*, and *Eumelia Rosalia*.  
 5—7. *Hypercampus sybaris*, *Callimorpha helcita*, and *C. phileta*.  
 8—10. *Catocala neogama* and *C. amesia*.  
 11, 12. *Angerona prunaria* and *Alcis scolopacea*.  
 13—15. *Epidemia tricolor*, *Scopelodes unicolor*, and *Tortrix Crameriana*.  
 16, 17. *Erebus crepuscularis* and *Triphena materna*.  
 18—20. *Dichroma equestralis*, *D. histronalis*, and *D. arcualis*.  
 21—25. *Limacodes micilia* and *Doratifera vulnerans*.  
 26—30. *Deiopeia bella*, *Cydosia nobilitella*, *Chloridea Rhexia*, *Alaria (Erastria?) Gaurae*, and caterpillar of do.  
 31—34. *Limacodes Cippus* and caterpillar, *Encomidea pithecium* and caterpillar. (72)

## LEAF X.—BRITISH BUTTERFLIES.

- Fig. 1—3. *Common Cabbage Butterfly* and *Small White* do.  
 4, 5. *Swallow-tail Butterfly* and *Scarce Swallow-tail* do.  
 6, 7. *Brimstone* and *Clouded Yellow* Butterflies.  
 8, 9. *Colias hyale* and *C. Europae*.  
 10, 11. *Large Copper* and *Common Blue* Butterflies.  
 12—14. *Early White Cabbage*, *Howard's White*, and *Dusky-veined White* Butterflies.  
 15, 16. *Green-veined White* and *Bath White* Butterflies.  
 17—19. *Orange-tip* and *White Wood* Butterflies. (9)

## LEAF XI.—BRITISH BUTTERFLIES.

- Fig. 1 & 2. *Silver-washed Fritillary* and *Glanville* do.  
 3, 4. *Duke of Burgundy Fritillary* and *Pearl-bordered Likeness*.  
 5, 6. *Grayling Butterfly* and *Wall-brown* do.  
 7, 8. *Dark-green Fritillary* and *Pearl-bordered* do.  
 9—11. *Melitea Athalia*, *Greasy Fritillary*, and *Small Pearl-bordered* do.  
 12, 13. *Apollo Butterfly* and *Black-veined White* do.  
 14, 15. *Red Admiral* and *White Admiral*.  
 16, 17. *High-brown Fritillary* and *Queen of Spain* do.  
 18. *Purple Emperor*.  
 19, 20. *Comma Butterfly* and *Large Tortoise-shell* do.  
 21, 22. *Small Tortoise-shell Butterfly* and *Painted Lady* do.  
 23, 24. *Peacock Butterfly* and *Camberwell Beauty*. (60)

## LEAF XII.—BRIT. BUTTERFLIES.

- Fig. 1—3. *Small Ringlet Butterfly*, *Marsh Ringlet* do., and *Small Heath* do.  
 4—7. *Meadow-brown Butterfly*, *Mountain Ringlet* do., and *Ringlet* do.  
 8—10. *Black Hair-streak*, *White Letter Hair-streak*, and *Green Hair-streak* Butterflies.  
 11—13. *Purple-edged Copper*, *Dark Underwing Copper*, and *Common Copper* Butterflies.

## LEAF XII.—Continued.

- Fig. 14, 15. *Brown Hair-streak* and *Purple Hair-streak* Butterflies.  
 16—18. *Large Copper* and *Scarce Copper* Butterflies.  
 19—22. *Marbled White*, *Large Heath*, and *Speckled Wood* Butterflies.  
 23, 24. *Arran Brown* and *Scotch Argus* Butterflies.  
 25—27. *Large Blue*, *Alcon Blue*, and *Chalk-hill Blue* Butterflies.  
 28—31. *Azure Blue*, *Bedford Blue*, and *Mazarine Blue* Butterflies.  
 32, 33. *Clifden Blue* and *Silver-studded Blue* Butterflies.  
 34—37. *Brown Argus*, *Durham Argus*, and *Artaxerxes* Butterflies. (92)

## LEAF XIII.—BRITISH MOTHS.

- Fig. 1—4. *Grizzled Skipper*, *Dingy Skipper*, *Chequered Skipper*, and *Small Skipper*.  
 5, 6. *Unicorn Hawk-moth* and caterpillar.  
 7—11. *Large Skipper*, *Pearl Skipper*, *Green Forester*, *Six-spotted Burnet* Moth, and *Five-spotted Burnet* Moth.  
 12, 13. *Pine Hawk-moth* and *Madder Hawk-moth*.  
 14—16. *Eyed Hawk-moth*, and *Poplar Hawk-moth* and caterpillar.  
 17—19. *Lime Hawk-moth*, and *Privet Hawk-moth* and caterpillar.  
 20—22. *Sharp-winged Hawk-moth*, with caterpillar and chrysalis.  
 23. *Death's-head Hawk-moth*.  
 24, 25. *Spotted Elephant Hawk-moth* and caterpillar.  
 26, 27. *Oleander Hawk-moth* and caterpillar. (23)

## LEAF XIV.—BRITISH MOTHS.

- Fig. 1—4. *Black Arches* (male and female), *Scarlet Tiger* Moth, and *Variety* of do.  
 5—8. *Humming-bird Hawk-moth*, caterpillar of do., *Broad-bordered Bee Hawk-moth*, and *Narrow-bordered Bee Hawk-moth*.  
 9—11. *Emperor Moth*, caterpillar of do., and *Oak Egger* Moth.  
 12—14. *Orange Swift*, and *Goat Moth* and caterpillar of do.

## LEAF XIV.—Continued.

- Fig. 15—17. *Clouded Buff*, *Cream-spot*, *Tiger Moth*, and *Ruby Tiger* Moth.  
 18—20. *Puss Moth*, caterpillar of do., and *Kentish Glory*.  
 21—24. *Drinker Moth* (male and fem.), *Lappet Moth* and caterpillar of do.  
 25—27. *Elephant Hawk-moth*, *Small Elephant Hawk-moth*, and caterpillar of do.  
 28—31. *Bee Clear-wing*, *Breeze Clear-wing*, *Black and white horned Clear-wing*, and *Ruby Fly* Clear-wing.  
 32—34. *Wood Leopard Moth*, caterpillar of do., and *Buff-tip* Moth. (58)

## LEAF XV.—BRITISH MOTHS.

- Fig. 1—3. *Broad-bordered Yellow-underwing*, *Large Sword-grass* Moth, and caterpillar of do.  
 4, 5. *Clifden Nonpareil* and *Red Underwing*.  
 6—8. *Brimstone Moth*, *Swallow-tail* Moth, and *Large Emerald*.  
 9—12. *Pease-blossom* Moth, *Gamma* Moth, caterpillar of do., and *Burnished-brass* Moth.  
 13—15. *Herald Moth*, *Mottled Orange* Moth, and *Angleshades* Moth.  
 16—18. *April Miselia*, *Peach-blossom* Moth, and *Buff Arches*.  
 19—22. *Wood Tiger Moth*, *Cinnabar* Moth, *Crimson-speckled Footman*, and caterpillar of do.  
 23—26. *Beautiful China-mark*, *Green Silver-lines*, caterpillar of do., and *Scarce Silver-lines*.  
 27—30. *Dark Porcelain Moth*, *Linnaeus' Glyphipteryx*, *White-plumed* Moth, and *Many-plumed* Moth.  
 31—34. *Gooseberry Moth*, caterpillars of do., *Mottled Beauty*, and *Clifden Beauty*. (95)

## LEAF XVI.—MISCELLANEOUS INSECTS.

- Fig. 1 & 2. *Fulgora candelaria* and *F. maculata*.  
 3, 4. *Fulgora laternaria* and *F. Castresii*.  
 5, 6. *Locusta migratoria* and *L. Dux*.

## LEAF XVI.—Continued.

- Fig. 7, 8. *Locusta cristata* and *L. flava*.  
 9—11. *Locusta* *Surinama*, *Truxalis conicus*, and *T. Brasiliensis*.  
 12, 13. *Cicada plebeia* and *C. septemdecim*.  
 14—16. *Scutellera dispar*, *Pentatomus rutilans*, and *Raphigaster incarnatus*.  
 17—19. *Syrtonastes paradoxus*, *Cerbus flavellus*, and *Anisocoles hymenipera*.  
 20, 21. *Aphana sub-maculata* and *Membracis foliata*. (62)

## LEAF XVII.—MISCELLANEOUS INSECTS.

- Fig. 1 & 2. *Asilus abdominalis* and *Acanthomera immanis*.  
 3—6. *Phryganea grandis*, *Cimbex 10-maculata*, *Athalia centifolia*, and caterpillar of do.  
 7, 8. *Eshna grandis* and *Stilbopteryx costalis*.  
 9—11. *Libellula quadrimaculata*, *L. Portia*, and *Nemoptera angulata*.  
 12, 13. *Libellula axilena* and *L. pulchella*.  
 14—16. *Centrotus globularis*, *furcatus*, and *biclavatus*.  
 17—19. *Pimpla manifestator*, *Stephanus coronatus*, and *Pelecinus politurator*.  
 20—22. *Sirex gigas*, *Tremex columba*, and *Joppa picta*.  
 23—25. *Ctenophora pectinicornis*, *Tabanus tropicus*, and *Diopsis ichneumonina*. (77)

## LEAF XVIII.—MISCELLANEOUS INSECTS.

- Fig. 1. *Mantis religiosa*.  
 2. *Anostostoma Australasie*.  
 3. *Deroplatys discicata*.  
 4. *Phyllium siccifolium*, or *Walking Leaf*.  
 5—7. *Blatta gigantea*, *B. Petiveriana*, and *Harpax ocellaria*.  
 8. *Phasma neocydaloides*.  
 9—11. *Acrida viridissima*, *A. verrucivora*, and *Pterophylla ocellata*.  
 12, 13. *Empusa gongyloides* and *E. lobipes*.  
 14. *Phyllium siccifolia*. (112)









LEAVES  
FROM THE BOOK OF NATURE  
MONKEYS.



LASIOPYGA NEMEA  
(The Howler of Cochlan, Central America.)  
Habitat of Cochlan.



SEMNOPIITHECUS ENTELLUS.  
(The Howler Monkey.)  
Habitat of Cochlan.



HYLOBATES HOULOCK.  
(The Howler.)  
Habitat of Cochlan.



TROGODYTES NIGER.  
(The Black Howler.)  
Habitat of Cochlan.



Young Rhinoceros Monkey



SEMNOPIITHECUS MELALOPHAS.  
(The Singar.)  
Habitat of Cochlan.



HYLOBATES SYNDACTYLA  
(The Singar.)  
Habitat of Cochlan.



NASALIS LARVATUS  
(The Red Howler.)  
Habitat of Cochlan.



PITHECIUS SATYRUS.  
(The Red Howler.)  
Habitat of Cochlan.



HYLOBATES AGILIS.  
(The Red Howler.)  
Habitat of Cochlan.



PITHECIUS SATYRUS.  
(The Red Howler.)  
Habitat of Cochlan.

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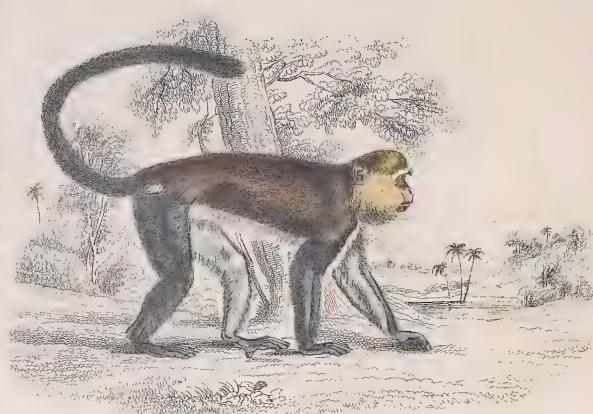
## MONKEYS.



*CERCOPITHECUS RUBER.*  
(The Red Monkey)  
Native of Africa.



*PAPIO LEUCOPHAEA.*  
The Drill  
Native of Africa.



*CERCOPITHECUS MONA.*  
(The Varied Monkey)  
Native of Africa.



*CERCOPITHECUS FULIGINOSUS.*  
The Mangrove or White-eyed Monkey  
Native of Africa.



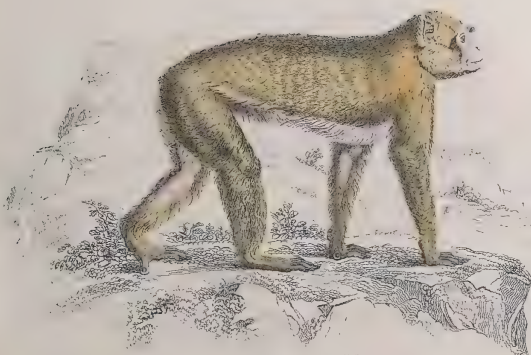
*PAPIO MORMON.*  
The Mormon or White-faced Monkey  
Native of Africa.



*PAPIO SYLVANUS.*  
(The Chacma)  
Native of Africa.



*MYCETES URSINUS.*  
The Orangutan  
Native of Borneo.



*INUUS SYLVANUS.*  
(The Barely Ape)  
Native of Gambia.



*MACACUS SILENUS.*  
The Silenus Monkey  
Native of India.



*CERCOPITHECUS SABAÆUS.*  
(The Green Monkey)  
Native of the Cape Verde Islands.

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## MONKEYS



*HAPLIS TAYCHIS*  
The Taychis



*CALLITHRIX SCIDREUS*  
The Scidreus



*PITHECIA SATANAS*  
The Satan  
Native of Brazil



*CERES MONACHUS*  
The Monachus



*NOTES TRIVIRGATUS*  
The Trivirgatus



*CERES CATHELLUS*  
The Cathehellus



*MIDAS LEONINA*  
The Leonina  
Native of America



*ATELES JANICUS*  
The Janicus  
Native of Brazil



*MIDAS ROSALIA*  
The Rosalia



*PITHECIA MELANOPHALA*  
The Melanophala

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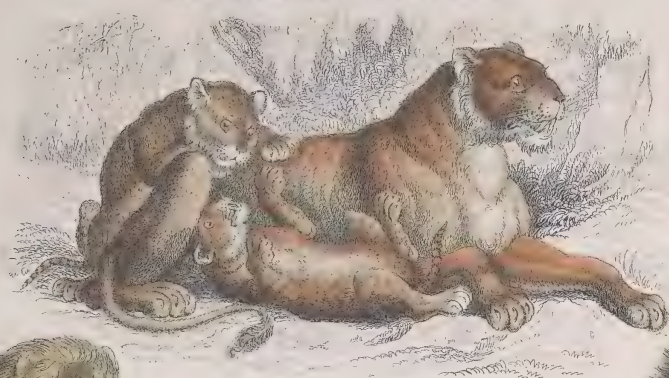




# LEAVES

## FROM THE BOOK OF NATURE

### LIONS, TIGERS &c.



The Lioness, *FELIS LEO* Female & Cubs  
Native of Africa



*FELIS LEO* Asiatic variety



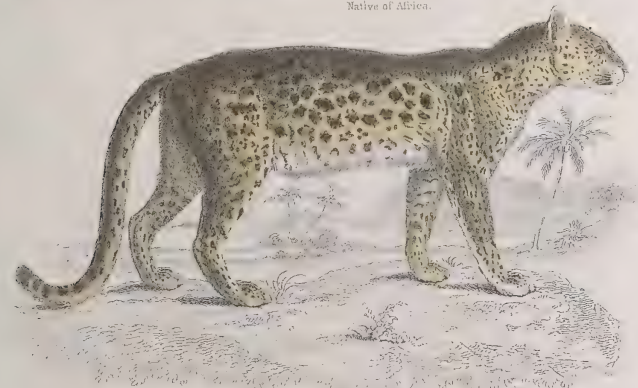
*FELIS LEO* Native of Africa



*FELIS LEO* (The Lion)  
Native of Africa



The Black Panther, *FELIS NIGRA*, Native of America



*FELIS LEOPARDUS*, (The Leopard)  
F. Cuvier. Native of Africa.



*FELIS CONCOLOR*, (The Puma)  
Wilson. Native of America



*FELIS TIGRIS*, Native of Hindoostan.



HYBRID between a LION & LEOPARD.

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# LEAVES

## FROM THE BOOK OF NATURE

### FELINÆ



FELIS MACROTELIS (The Rimau-Uban or Tree Tiger)  
Hart  
Native of Sumatra.



(The Bengal Cat)  
FELIS BENGALENSIS  
Hart  
Native of Bengal.



FELIS ONCA (The Panther)  
Native of America.



FELIS ONCA, sub.  
The Cat of America.



FELIS ONCA, Young  
Wilson Native of Persia.



FELIS UNCIA (The Quagga)  
Native of Persia.



FELIS JAVANENSIS, Hart  
Native of Java.



The Cat - FELIS MITIS. Native of America.



Hart. FELIS DIARDI Hart. Native of Java.  
Hart's Cat of Java.



FELIS JUBATA (The Blazing Leopard)  
Native of Africa & India.



FELIS PARDALIS  
Native of America.



(The Cat) FELIS PARDALIS.  
Native of America. Wilson.



FELIS SUMATRANA  
Native of Sumatra.

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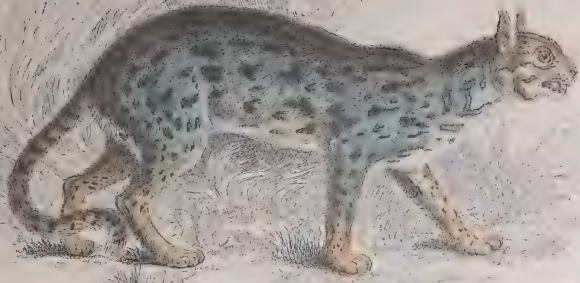






# LEAVES FROM THE BOOK OF NATURE FELINÆ

6



FELIS NEBULOSA, Nees  
Nepal Cat



FELIS DIARDII, Nees  
Native of Java  
Linn. Soc. U. Museum



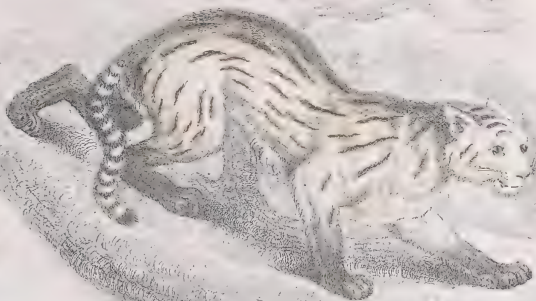
FELIS SERVAL, (Linn. Soc.)  
Native of Africa



FELIS, Variety ANGORENSIS  
Linn. Soc. U. Museum



FELIS CANADENSIS, Nees  
Native of North America



FELIS CHILOENSIS, Nees  
Native of Chile



FELIS MANICULATA, (Linn. Soc.)  
Ruppel



FELIS ORNATA, (Linn. Soc.)  
Native of India  
Linn. Soc. U. Museum



FELIS PARVA, (Linn. Soc.)  
Native of India



FELIS CARACAL, (Linn. Soc.)  
Native of Africa



FELIS LYNX, (Linn. Soc.)  
Native of the South of Europe



FELIS CALIGATA, (Linn. Soc.)  
Native of Africa



FELIS CHAUS, (Linn. Soc.)  
Native of India



FELIS HIMALAYENSIS, (Linn. Soc.)  
Native of India

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# LEAVES FROM THE BOOK OF NATURE

## DOGS



ALPINE OR GREAT ST. BERNARD DOG

KING CHARLES SPANIEL



THE ESQIMAU DOG



THE NEWFOUNDLAND DOG.  
Original Breed.



FERAL DOG OF ST DOMINGO



THE BOAR HOUND OF GERMANY



THE SHEPHERD OR SHEEP DOG



THE ALCO.  
DOG

CARRIER DOG OF THE INDIANS



DOG OF THE NORTH AMERICAN INDIANS

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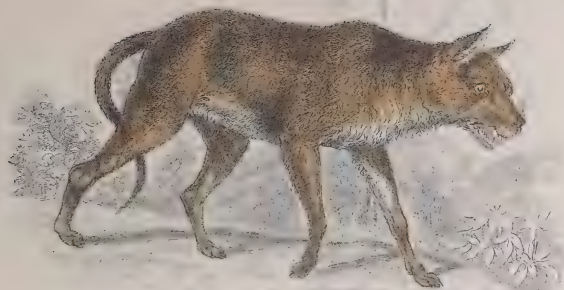




# LEAVES

## FROM THE BOOK OF NATURE

### DOGS



DHOLE OF CEYLON



MEXICAN WOLF



NEW HOLLAND DINGO



DHOLE Native of India.



DHOLE OF SUMATRA



BLACK WOLF  
Native of Spain



COYOTE OF MEXICO



DUSKY WOLF  
Native of Canada.



COMMON WOLF  
Native of W Europe



NORTH AMERICAN PRAIRIE WOLF



PAINTED HOUSE-DOG

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LEAVES  
FROM THE BOOK OF NATURE  
DOGS



CAPE TIOUS DOG



FENNEC OF BRICE



SENECAL TIOUS DOG



PALE DOG-FOX



COMMON FOX



RED FOX



CORSAC DOG-FOX



CAANAN DOG-FOX



GRAY AGOUTI DOG



WILD DOG OR TIOUS OF NATOLIA



TURKISH DOG-FOX

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# LEAVES FROM THE BOOK OF NATURE DOGS



AMERICAN CROSS-FOX



COAL FOX OF BAVARIA



LALANDE'S ZERDA  
Native of the Cape



THE STRAND HYENA



SPOTTED HYENA Native of Asia & Africa



LALANDE'S AGIODUS



THE SYRIAN FOX



THE EGYPTIAN FOX



PAINTED LYCAON Native of the Cape



THREE-COLORED FOX Native of Paraguay



POODLE

BULL DOG



GREY FOX  
Native of America

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LEAVES  
FROM THE BOOK OF NATURE

DOGS



SPIN-FOOTED ANKARA-DOG



FALKLAND ISLAND AGUARA-DOG



THE JUVENILE OF ALPACA



THE SPIN-FOOTED KANAKA-DOG



THE SPIN-FOOTED KANAKA-DOG



THE BROWN - CROWN  
Native of Africa



SPIN-FOOTED KANAKA-DOG



SPIN-FOOTED KANAKA-DOG  
(Indistinct)



SPIN-FOOTED KANAKA-DOG



SPIN-FOOTED KANAKA-DOG



SPIN-FOOTED KANAKA-DOG

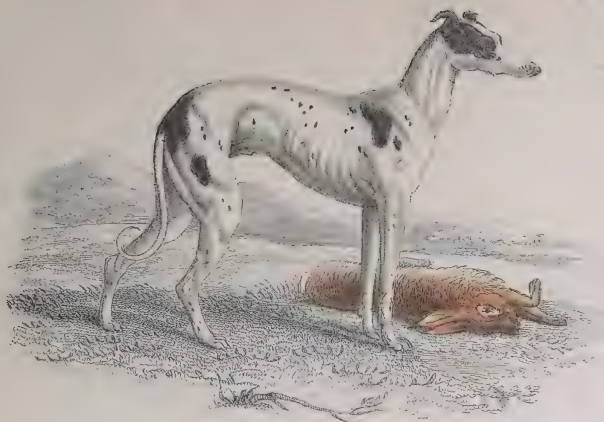
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LEAVES  
FROM THE BOOK OF NATURE  
DOGS



THE BRITISH GREYHOUND



SPEYER DOG



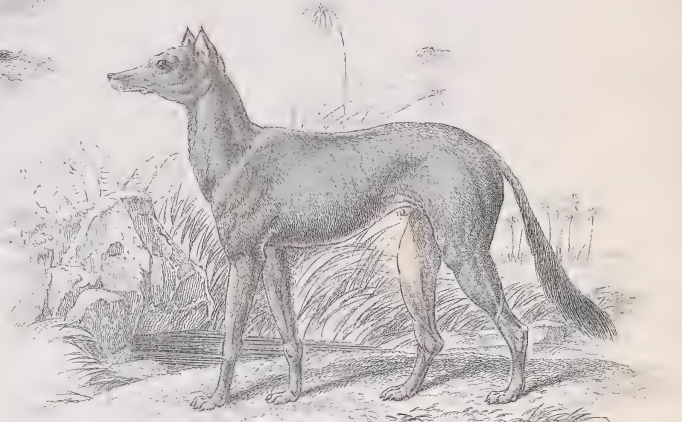
THE SETTER



LARGEST OF THE MODERN COACH DOG



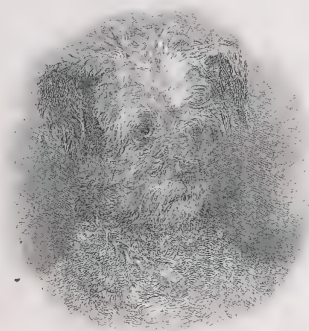
Bloodhound



REDONNET GREYHOUND OF AKBABA



SCOTTISH TERRIER



FURY



ISLE OF SKYE TERRIER



THE SPRINGER



Spaniel



DALMATIAN OR COACH DOG



ORIENTAL HOUND



TERRIERS



THE FOX HOUND

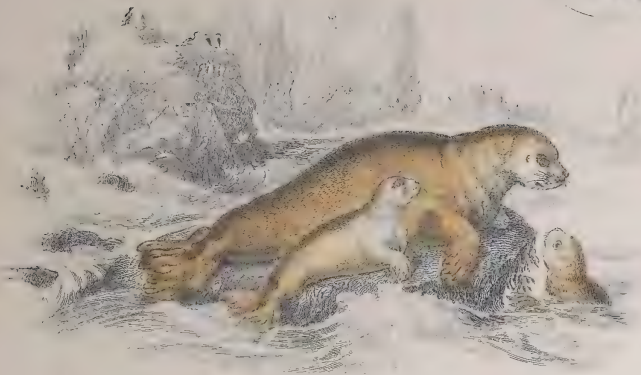
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LEAVES  
FROM THE BOOK OF NATURE  
SEALS, &c.



PHOCA LEOPONINA  
The Fur of the Sea of the Russians



THE WALRUS OR SEA-HORSE  
Edin' Roy Mus  
North Seas



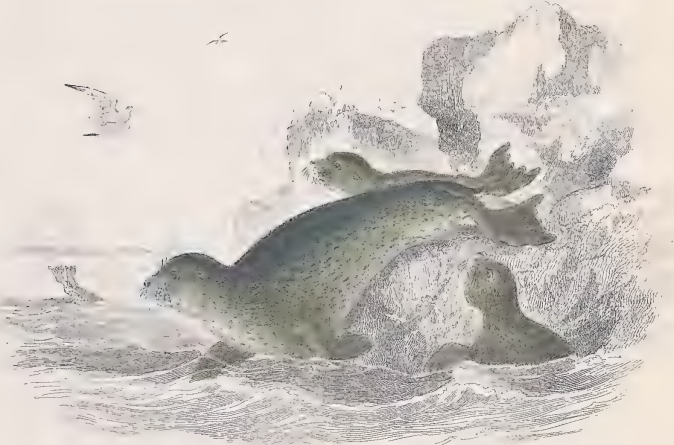
THE COMMON SEAL  
of the French Coast, or the Port of



THE GREENLAND OR HUMP SEAL  
Male & Female



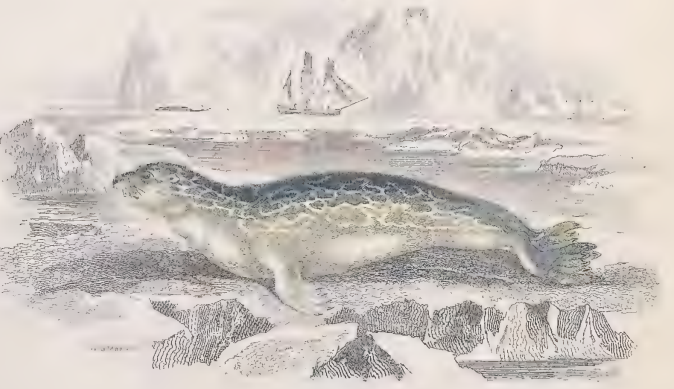
PHOCA HISPIDA  
Hooded Seal  
British Seas



PHOCA HISPIDA  
Common Seal of the Scotch Coast



PHOCA DISCOLOR OR MARKED SEAL  
of the Coast  
French Coast



PHOCA HISPIDA  
Hooded Seal of the British Seas



THE OCEAN SEAL OF LEPCHIN  
Greenland Seas



PHOCA HISPIDA

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# LEAVES FROM THE BOOK OF NATURE

## SEALS



*HALICHOERUS GRYPUS*  
The Grey Seal.



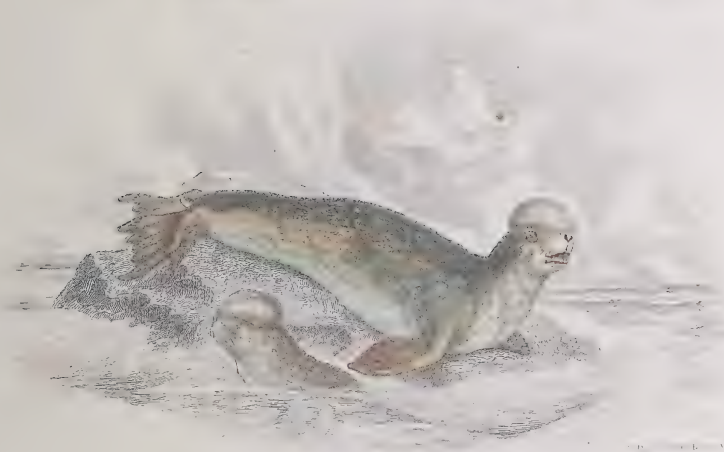
*PHOCA LEPTONYX*  
The Smell-eared Seal.  
Scots Seal.



*SEA LION OF THE NETTY*  
Stenella hybrida.



*PHOCA PROBOSCIDEA*  
The Elephant Seal.



*SEAL*



*SEAL*



*SEAL*



*PHOCA MONACHUS*  
The Monk Seal.



*SEAL*



*SEAL*

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# LEAVES FROM THE BOOK OF NATURE

## SEALS. &c.



OTARIA LARGLANDICA  
The Fur Seal of Canada



DUGONGUS INDICUS  
[Dugong of Kaskilana]



THE GREAT SEA SERPENT  
[The Sea Serpent]



OTARIA URUSIA  
The Seal of the North  
North America



OTARIA PUSILLA  
The Seal of the Cape



OTARIA SAPIENS A NEDIA DE L'ETRE FINE  
[The Seal of the Cape]



OTARIA MOLOSSINA  
Zool de la Coquille  
Falkland Islands



MANATU  
The Manatee of the West Indies



THE GREAT SEA SERPENT  
[The Sea Serpent]



OTARIA CASSIA  
from British Museum  
Northern Seas



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LEAVES  
FROM THE BOOK OF NATURE  
WHALES.



GREENLAND WHALE.

THE SPERMACEETI WHALE.  
Beale. South Seas.

GREENLAND WHALE

THE SPERMACEETI WHALE South Seas  
Beale

THE SPERMACEETI WHALE South Seas.



GREAT NORTHERN ROQUAL

THE LESSER ROQUAL  
or Northern WhaleGREENLAND WHALE  
Breaching

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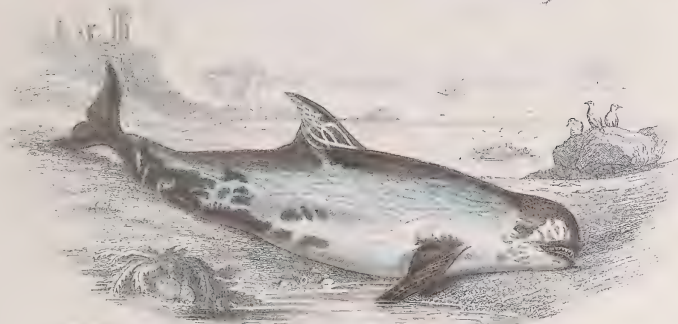
WHALES



THE MINKE WHALE  
B. Pinn.



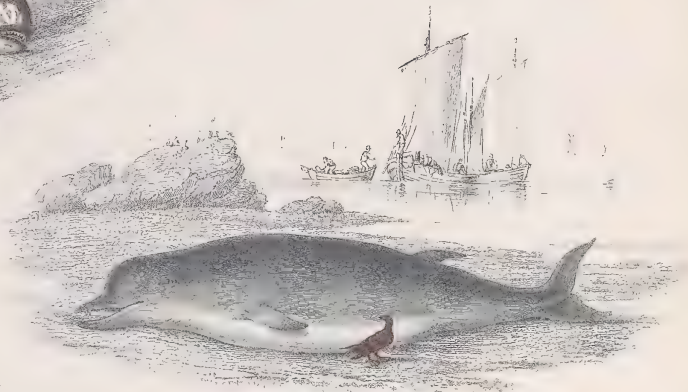
THE GRAMPUS



MONICÆPLATUS OR PINN



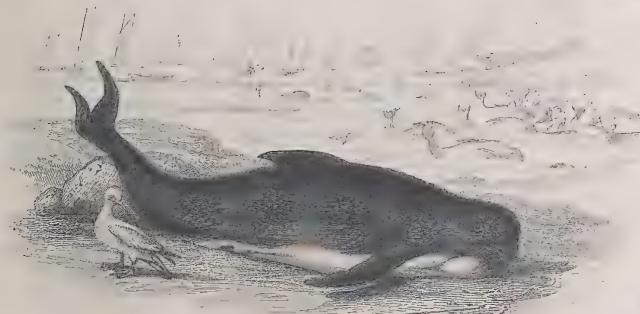
THE DIODON OF SOWERBY



THE HYPEROODON



THE DELUGA, OR WHITE WHALE.  
North Seas



THE DÆDÆMON OR CÆLING WHALE



THE DELPHINÆNAUTILUS OF PERON South Seas  
(see de la Caille)



THE TOOTHLESS WHALE OF HAVER  
P. Capen



THE NARWHAL



COMMON PORPOISE

THE PORPOISE

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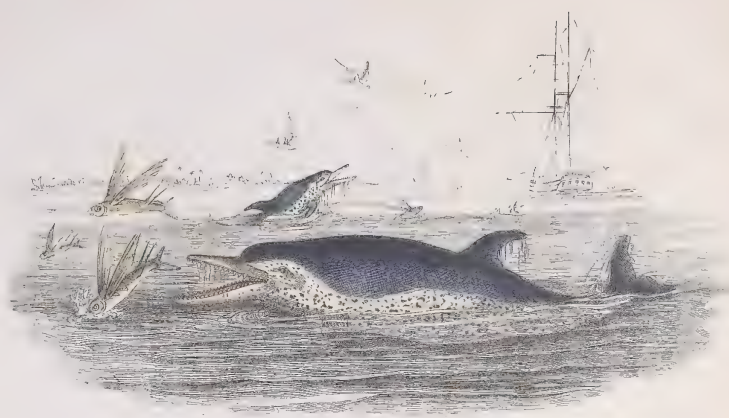


LEAVES  
FROM THE BOOK OF NATURE

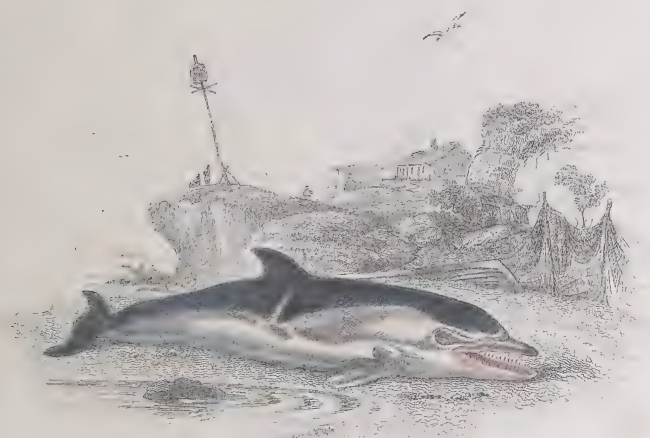
# WHALES



DELPHINORHYNCHUS OF BEGDA



PERNETTYS DOLPHIN



THE COMMON DOLPHIN  
L'ovier



THE SOOSOO OF THE GANGES



THE INIA River Amazon



Fig.1. THE STRIPED PORPOISE. Fig.2. THE FUENAS OF THE CHILIAN


$$I_{\text{eff}} = 1.0 \text{ (by } S_{\text{eff}}/I_{\text{eff}})$$


THE LEAD COLOURED POLYMER

Title: *GRILLI, J. B. D. 1961. P. 155*

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# LEAVES FROM THE BOOK OF NATURE

## POUCHED ANIMALS



*Phalangerista Viverrina*



*Phalangerista Cookii*  
Native of New South Wales.



*Phalangerista nana*  
Native of New Holland



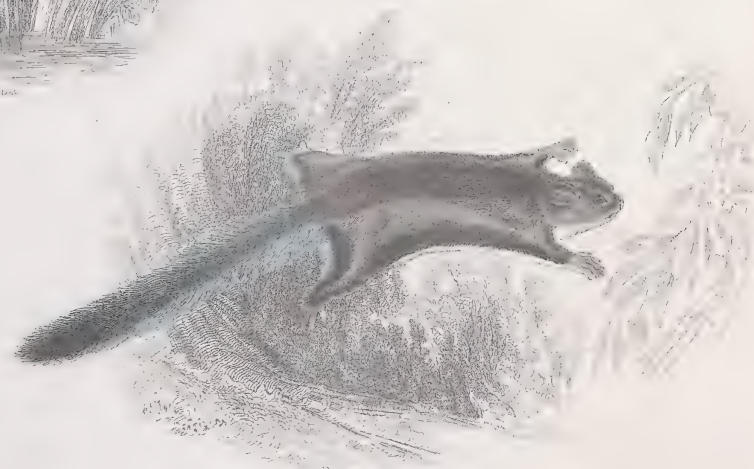
*Synaptotis punctatus*  
Native of New South Wales.



*Petaurus Inguanoides*  
Native of New South Wales



*Petaurus scutatus*  
Native of New South Wales



*Petaurus brevicauda*  
Native of New South Wales.



*Phascogalea Wombai*  
Native of New South Wales.



*Echidna Tystrix*  
Native of New South Wales

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# LEAVES FROM THE BOOK OF NATURE

## POUCHED ANIMALS &c.



*Macrogale pouilloti*  
Native of New South Wales.



*Dasyurus flavipes*  
Native of New South Wales.



*Myrmecobius fasciatus*  
Native of New South Wales.



*Macrogale pouilloti*



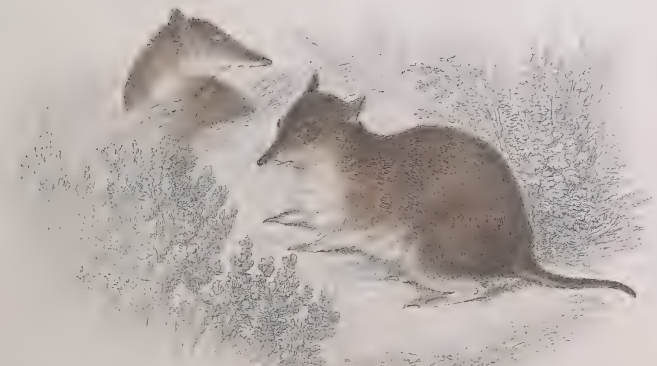
*Dasyurus flavipes*  
Native of New South Wales.



*Perameles lagotis*  
Native of New South Wales.



*Perameles nasutus*  
Native of New South Wales.



*Perameles nasutus*  
Native of New South Wales.



*Perameles gunnii*  
Native of New South Wales.

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LEAVES  
FROM THE BOOK OF NATURE

POUCHED  
ANIMALS



*Didelphys Azarae*  
Native of Brazil.



*Didelphys sublineata*  
Native of Bahia.



*Didelphys Dorsalis*  
Habitat Doubtful



*Didelphys trilineata*  
Native of S. America.



*Didelphys Lincolni*  
Native of the Colabey



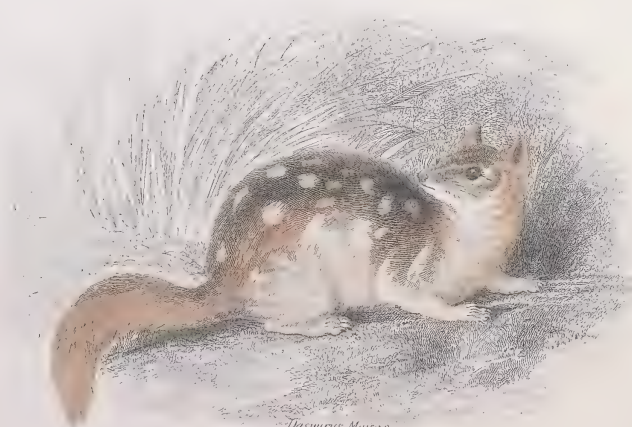
*Chironectes Topack*  
Native of Brazil.



*Thylacynus cynocephalus*  
Native of Van Diemen's Land



*Dasypus macrurus*  
Native of Van Diemen's Land



*Dasypus Marmoratus*  
Native of Van Diemen's Land

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KANGAROOS, &c.



*Hypsiprymnus pratensis*  
Native of New South Wales



*Hypsiprymnus murinus*  
Native of New South Wales



*Macropus Parryi*  
Native of New South Wales



*Phascolarctos fuscus*  
Native of Australia



*Macropus Dermimus*  
Native of New South Wales



*Macropus Estabatus*  
Native of New South Wales



*Macropus Brewsteri*  
Native of New South Wales



*Macropus penzance*  
Native of New South Wales



*Phalangeria vulpina*  
Native of New South Wales







# LEAVES

## FROM THE BOOK OF NATURE

### ELEPHANT, RHINOCEROS



ELEPHANT OF INDIA

INDIAN RHINOCEROS  
Liverpool Zoo Garden

SUMATRAN RHINOCEROS

ELEPHANT OF AFRICA  
J. Young

ELEPHANT OF INDIA



Elephant of India's surroundings



INDIAN RHINOCEROS

TWO HORNED SUMATRAN RHINOCEROS  
F. Cooper

FLAT NOSED RHINOCEROS, Native of Africa

THE HIPPOPOTAMUS Native of Africa  
Doddie

SUMATRAN RHINOCEROS

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# LEAVES FROM THE BOOK OF NATURE

## PACHYDERMES



AMERICAN TAPIR.  
P. Canis



CHINESE HOG



MALAYAN TAPIR  
P. Canis



THE WILD BOAR  
Native of Europe



SYRIAN HYRAX  
S. hyrax



ALIANS PHASGOCYCHERES  
Native of Africa



BARYOUSSA, Mabouia  
Native of Malacca Islands



PIG



PATUAN HOG



COLLARED PECCARY  
Native of S. America



COMMON HOG



ETHIOPIAN WARR HOG

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LEAVES  
FROM THE BOOK OF NATURE  
GOATS, &c.



THE EUROPEAN IBEX  
Cuvier



THE SAMBAR DEER  
Native of Sumatra



WOOL-BEARING ANTELOPE  
Native of America



HIMALAYAN GOAT  
Native of Asia



THE CHAMOIS  
Native of European Alps



THE STRIPED ANTELOPE  
Native of California



THE ROE DEER - Male  
Native of European Alps



THE CORSIKAN MARMOT  
Cuvier



THE ROE DEER - Female & Young  
Native of European Alps

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# LEAVES FROM THE BOOK OF NATURE

## DEER



THE REIN DEER  
Native of N Europe & N America



FALLOW DEER



THE ELK or MOOSE. Native of N Europe



THE WAPITI



CAMELEOPARD or NORTH AFRICA  
Native of Africa.



THE KUDU or TIGER  
Native of the Island of Java



THE GREAT KUDU.  
Native of Bengal.



NEPAUL STAG



THE HIBETIAN MUSK. Native of Asia.  
Edinb. Govt Museum.



THE NAPH MUSK  
Native of Java &c



THE BROWN LLAMA. Native of N America.  
Edinb. Govt Museum.

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# LEAVES FROM THE BOOK OF NATURE

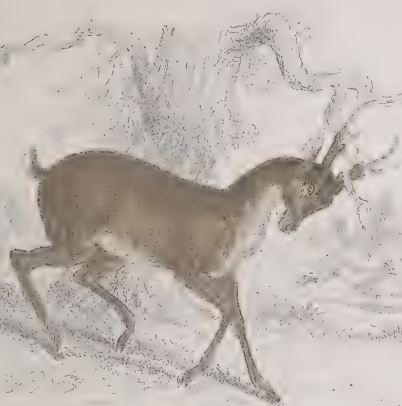
## DEER



THE PATA BROCHET  
Native of America



THE SPOTTED AXIS  
Native of India



THE MUNTJAK  
Native of India



THE GUAZILI DEER  
Native of America



THE COMMON ROE DEER  
Native of Europe



THE BROWN PORCUPINE AXIS  
Native of India



THE PATA BROCHET  
Native of America



THE CHAZUPICO DEER  
Native of Paraguay



THE HORNED ANTELOPE  
Native of the U. States



THE GAZELLE  
Native of Arabia

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# LEAVES FROM THE BOOK OF NATURE

## DEER



THE PALIU. Native of Africa.  
Bayer



THE ADDAX. Native of Nubia.  
Bayer



THE KIP SPRINGBOK  
Native of Africa.



SCIMMIE'S ANTELOPE. Native of Africa.  
Bayer



THE KEVVI.  
Native of Africa



SALT'S ANTELOPE. Native of Africa.  
Bayer



THE SPRINGBOK OR SPRINGBOK  
Native of Africa.



THE STAG.  
Native of Scotland



THE CHIKARA OR FOUR HORNED ANTELOPE. Native of Bengal.  
F. L. C.



THE ORYX.  
Native of Senegal

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# LEAVES

## FROM THE BOOK OF NATURE

COATS, SHEEP, COWS &c.



**KUDU.**  
Cuvier.  
Native of Africa.



**THE KUDU.**  
Cuvier.  
Native of Africa.



BARBARY BREED OF WILD SHEEP



**ROCKY MOUNTAIN SHEEP.**  
Cuvier.  
Native of N. America.



BLACK FACED RAM.



**THE PYRENEAN SHEEP.**  
Cuvier.



**THE IBEX.**  
Cuvier.



**THE BEARDED ARGALI.**  
Cuvier.  
Native of Persia.



RED DEER.



**THE NYUL-CHAU.**  
Cuvier.  
Native of India.

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# LEAVES FROM THE BOOK OF NATURE

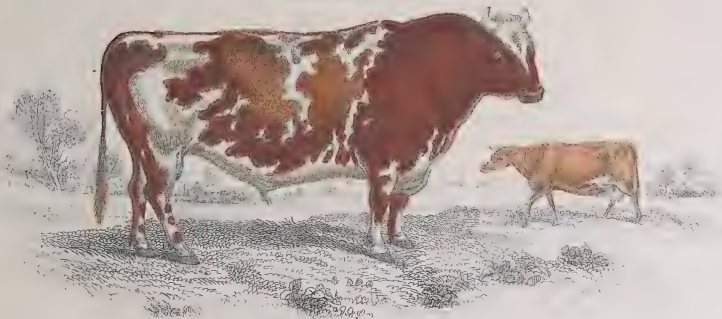
## RUMINATING ANIMALS



THE OX



THE AMERICAN BISON.



BRITISH SHORT HORN.



THE MUSK OX.  
Edin. & D. Museum. Native of N. America.



BRITISH FRIESIAN.



THE AFRICAN BUFFALO.



THE GAUR, or Indian Buffalo.  
Edin. & D. Museum.



CAFFRIAN FAMILY TRAVELLING.  
From Daniell's African Scenery.



THE WHITE ZEBU.  
Edin. & D. Museum. Native of India.



INDIAN OX OR ZEBU.  
Edin. & D. Museum.

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# LEAVES

## FROM THE BOOK OF NATURE

### HORSES



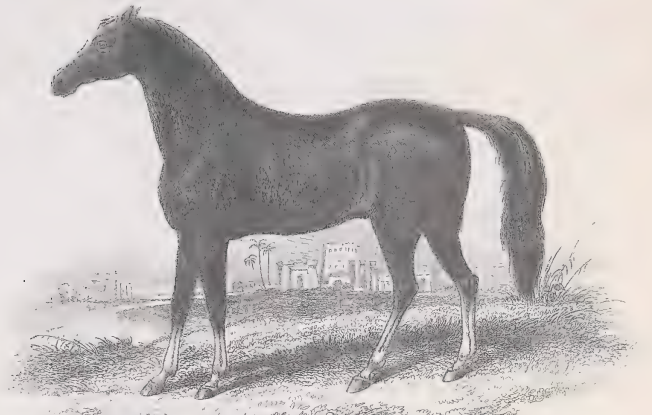
BUKHO WHITE RACE OF AFRICA



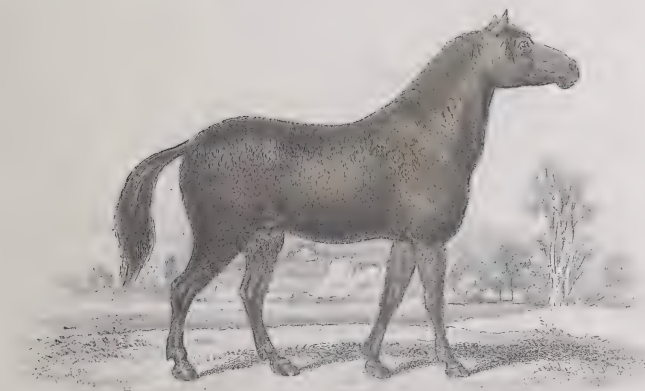
MARENCO Bonaparte Arab



SHIRUBAT-PROKLEB



DONGOLA RACE



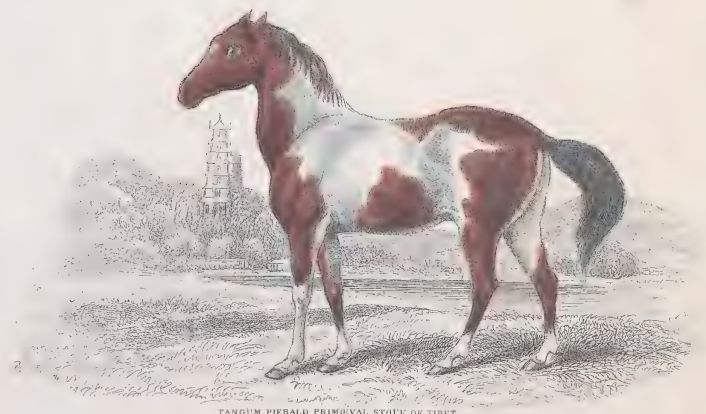
CRISP MANE D HORSE  
Primæval Black Stock



ECLIPSE



DECUSSATED HORSE  
race of Eelback dun of Ukraine



TANGUM PIEBALD PRIMEVAL STOCK OF TIBET



THE TARPAN, WILD HORSE. Native of Russia.  
primæval bay stock.



VILLOUS HORSE  
primæval white

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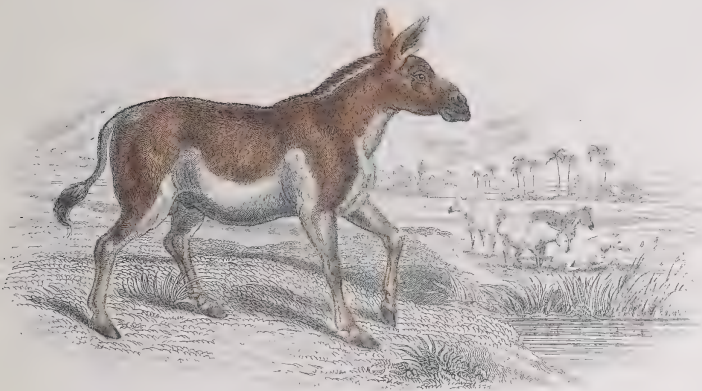




LEAVES  
FROM THE BOOK OF NATURE  
HORSES



ASINUS ONAGER Native of Asia



ASINUS DELIONUS Native of Africa



SHETLAND PONEY



ASINUS HAMAH Native of Africa



ASINUS ROULETUS THE YAKA Native of China



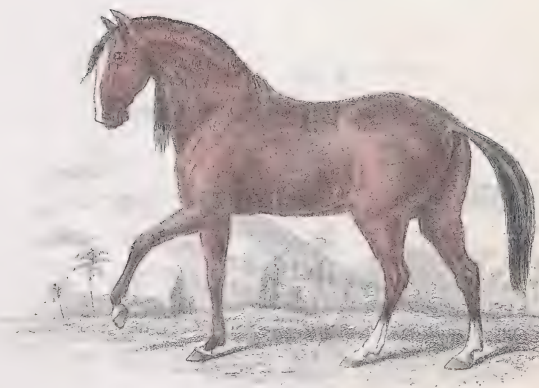
EQUUS HIPPOGRIUS, the KODRRAH Native of N. Africa



BROOD MARE AND S-FOAL  
with marks of Ungey



ENGLISH DRAG HORN HORSE



PARANHO OF PERU



THE ZEBRA

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# LEAVES

## FROM THE BOOK OF NATURE

### HORSES



HIPPOGRIFFUS QUAGGA. Native of Africa



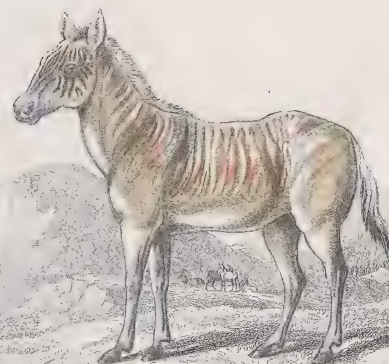
COLT 3<sup>rd</sup> ISSUE OF BROOD MARE & 2<sup>nd</sup> BY THE BLACK ARAB



THE HINNY



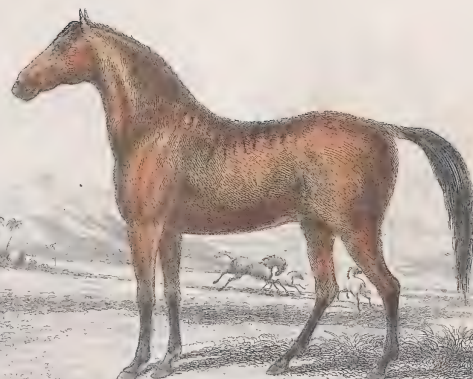
HYBRID FIRST FOAL OF BROOD MARE & QUAGGA



HIPPOGRIFFUS ISABELLII. Native of Africa



HYBRID ASS AND ZEBRA



FILLEY BEARING MARKS OF QUAGGA



HUNGARIAN HORSE HEAD  
with the Star & crescent from an original drawing by Buffon



HIPPOGRIFFUS ANTIQUORUM Native of Africa.  
Augustus D'Arbo



DALE MARE & COLT  
Native of Africa

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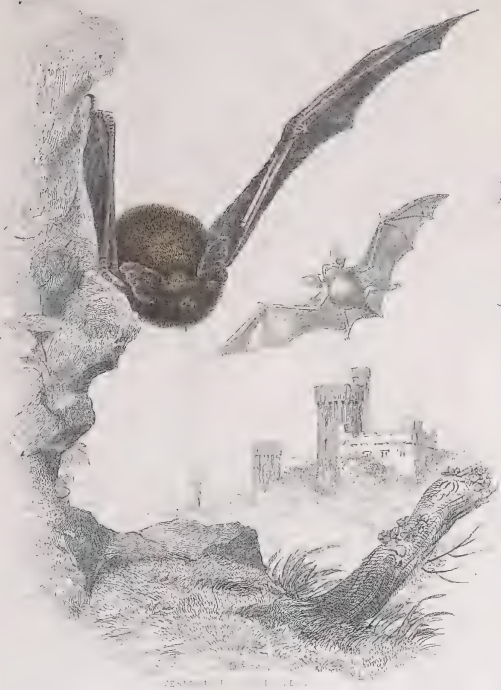
# LEAVES

FROM THE BOOK OF NATURE

## BRITISH ANIMALS &c.



THE HEDGEHOG



THE BADGER



THE WEASEL IN SUMMER



THE RED-BELLIED BAT



POLECAT



THE COMMON SHREW



THE COMMON MOLE



THE COMMON SHREW



THE LONG-EARED BAT



THE GREATER HORSE-SHOE BAT







# LEAVES FROM THE BOOK OF NATURE

## BRITISH ANIMALS &c.



PINE MARTIN.



ORIENLAND SEAL.



THE SQUIRREL.



THE COMMON OTTER.



THE WALRUS.



THE BLACK RAT.



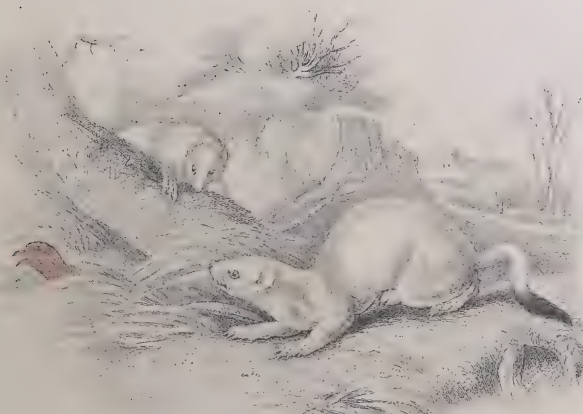
THE WEASEL.



THE DORMOUSE.



THE WILD CAT.



THE HEDGEHOG IN WINTER.



THE COMMON SEAL.



FOX.

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LEAVES  
FROM THE BOOK OF NATURE  
BRITISH ANIMALS



RABBIT



THE FIELD MOUSE



THE STAG



THE HARVEST MOUSE



SHORT TAILED CAMPAGNOL



THE BROWN RAT



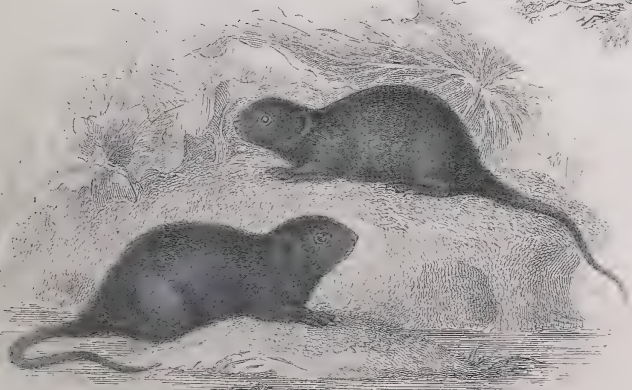
WHITE HARE



HARE



THE ROE DEER



THE BLACK WATER RAT



DOMESTIC HOUSE

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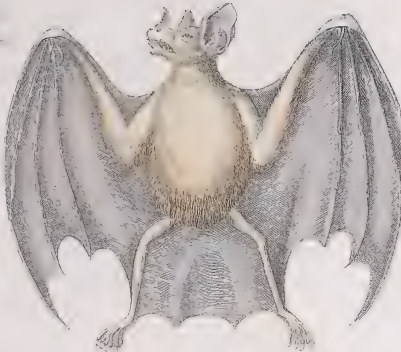


# LEAVES

## FROM THE BOOK OF NATURE



CHRYSENE, Geylonna Thole  
From drawing India House



VESPERUGO S. L. B. M.  
JERUSALEM, PALESTINE  
1832



GENETTA TIGRINAT  
Native of the Asiatic Islands.



FELIS (LEO) MELANOCROTUS Sub  
BLACK MANED LION  
From Life  
Native of the Cape of Good Hope



GALICTIS CHRYSOGASTER Sub  
GRAY-BELLIED GALICIA  
Native of the Himalayas



HEMIGALEA ZIBDA  
Native of Java



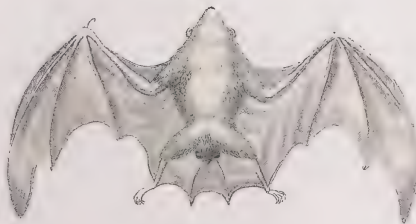
MACACUS (MARMOS) BRACHYURUS T. J. W.  
WHITE-BELLIED  
M. T. J. W. 1831  
1831



CYNICTIS STEEDMANNI, Oshib  
Native of the Cape of Good Hope.



HERPESTES MUNGOI  
R. M. F. 1831  
Native of India



DICLIDURUS ALBICINCTUS  
WHITE-BELLIED BAT  
1831



CANIS STEEDMANNI, Oshib  
Native of the Cape of Good Hope.

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CIVETTUS CIVETTA.  
THE CIVET CAT (MILVARIUS).  
Imagined from the  
Sketch of a civet cat.



MONGOOSE (MONGOOSE).  
Native of Africa.



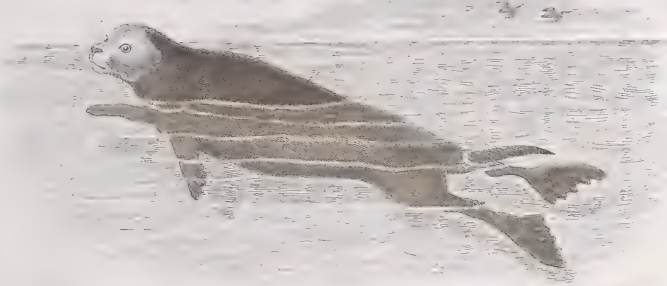
PANTHERA LEO.  
Lioness.  
Native of Persia &c.



PANTHERA PARDUS.  
LEOPARD.  
Native of India &c.



FELIS TIGRIS.  
Tiger.



ENHYDRA MARINA.  
THE SEA OTTER.



MELES MELES.  
BADGER.



FELIS TIGRIS.  
Tiger.



FELIS TIGRIS.  
Tiger.



CIVETTUS CIVETTA.  
THE CIVET CAT (MILVARIUS).  
Imagined from the  
Sketch of a civet cat.



PANTHERA PARDUS.  
LEOPARD.

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# LEAVES FROM THE BOOK OF NATURE



ECHIDNA SETOSA.



LEPUS TADEI  
Bertho Mus  
Native of Brazil



ECHYMUS DACTYLINOTUS G. O. L. Native of S. America  
Length 10.5. Tail 6.5.



SCIURUS HYPPOCREPIS. Native of S. America  
Length 10.5. Tail 6.5.  
Mus. Pizani of Wien



MACROPUS RUFUS L. L. L.  
Mus. Berlin  
Native of New South Wales.



HYDROCHIRUS CARAI  
From life  
Native of Guiana



CHELONYDUS FEROX A. F. C.  
Native of S. A.



MYRMECOPHAGA JUBATA  
"Rhin. A. 1822"  
From life  
Native of America



CIVETTUS CIVET L. L. L.  
Native of S. A.



GAZELLA GAZELLE  
From life  
Native of S. A.

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# LEAVES FROM THE BOOK OF NATURE

1

## HUMMING BIRDS



TROCHILUS AVOCETTA  
(Avocet-billed Humming Bird)  
Native of Peru.



TROCHILUS CYANEUS  
(Blue-green Humming Bird.)  
Native of Brazil.



TROCHILUS RECURVIROSTRIS  
(Recurved-billed Humming Bird)  
Native of Peru.



TROCHILUS RUFIGASTER.  
(Rufous-bellied Humming Bird)  
Native of Brazil.



RAMPHODON NAEVIUS. Native of Rio Janeiro.  
(Spotted rufous-bellied Humming Bird.)



TROCHILUS COLUBRIS  
(Northern Humming Bird)  
Native of N. America.



TROCHILUS PHASINA  
(Golden-green Humming Bird)  
Native of Brazil.



TROCHILUS QUADRICOLOR  
(Azure-crowned Humming Bird)  
Native of Brazil.



TROCHILUS ANNA.  
(Dorcas of South American Bird)  
Native of California.

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# LEAVES FROM THE BOOK OF NATURE

## HUMMING BIRDS



TROCHILUS ORNATUS Female.  
(The Tufted-necked Humming Bird.)  
Native of Cayenne.



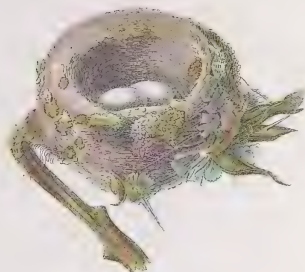
TROCHILUS CORNUTUS, Male.  
(Duck's-crowned Humming Bird.)  
Native of Brazil.



TROCHILUS CHALYBEUS  
(Violet Humming Bird.)  
Native of Brazil.



TROCHILUS SCUTATUS  
(Natterer's Humming Bird.)  
Native of Brazil.



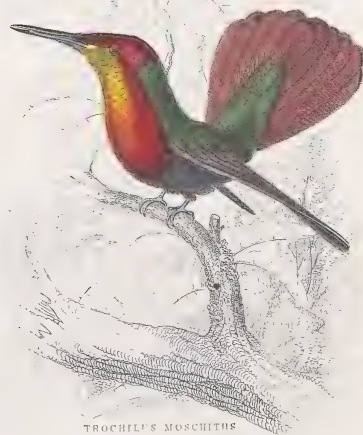
TROCHILUS PETASPHORUS.  
(Violet-tufted Humming Bird.)  
Native of Brazil.



TROCHILUS DELALANDII.  
(Delalande's Humming Bird.)  
Native of the Rio Grande.



TROCHILUS SEPHANOIDES Native of Chili.  
(The Chestnut-crowned Humming Bird.)



TROCHILUS MOSCHATUS  
(Long-tailed Humming Bird.)  
Native of the West India Islands.



TROCHILUS ORNATUS, Male.  
(The Tufted-necked Humming Bird.)  
Native of Cayenne.



TROCHILUS MAGNIFICUS Young Male.  
(Magnificent Humming Bird.)  
Native of Brazil.



TROCHILUS MAGNIFICUS, Female.



TROCHILUS AUDENETHI  
(Audeneth's Humming Bird.)  
Native of Peru.

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# LEAVES FROM THE BOOK OF NATURE

## HUMMING BIRDS



**TROCHILUS DELALANDII.** female.  
(Red-tailed Humming-Bird.)  
Native of the Rio Grande.



**TROCHILUS LANGSDORFFII**  
(Langsdorff's Humming-Bird)  
Native of Brazil.



**TROCHILUS RUFUS.**  
(Rufous-necked or Noddy Humming-Bird.)  
Native of Nootka Sound.



**TROCHILUS ALEXIS.** Native of Mexico  
(Blue-bellied Saw-billed Humming-Bird.)



**TROCHILUS STOKESII.**  
(Stokes's Humming-Bird.)  
Native of Juan Fernandez.



**TROCHILUS ORTHIA**  
(Green-tailed Antiochian Humming-Bird.)  
Native of Cayenne.



**TROCHILUS COLIGERA.** Native of Mexico.  
(Purple Humming-Bird.)



**TROCHILUS ALEXIS.** Native of Mexico  
(Blue-bellied saw-billed Humming-Bird.)



**TROCHILUS LODDIGESII.**  
(Loddiges's Humming-Bird.)  
Native of Brazil.



**TROCHILUS GIGAS.**  
(Gigantic Humming-Bird.)  
Native of Chili.



**TROCHILUS AMETHYSTINA.**  
(Amethystine Humming-Bird.)  
Native of Guiana.

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# LEAVES FROM THE BOOK OF NATURE

## HUMMING BIRDS



TROCHILUS EURYNOME. Native of Brazil.  
(Slightly hooked Humming Bird)



TROCHILUS PELLA.  
(Topez-throated Humming-Bird)  
Native of Cayenne



TROCHILUS HIRSUTUS. Native of Tobago.  
(Hairy-legged Humming Bird)



TROCHILUS SPARGANURUS  
(Bar-tailed Humming-Bird)  
Native of Peru.



TROCHILUS UNDERWOODII.  
(Black-throated Red-tailed Humming Bird)  
Locality unknown



TROCHILUS SUPERCILIOSUS Male.  
(The Silver-lined Humming-Bird)  
Native of Guiana



TROCHILUS SUPERCILIOSUS Female. Native of Guiana.  
(The Silver-lined Humming-Bird)



TROCHILUS SWAINSONII  
(Swainson's Humming Bird)  
Native of Brazil.



TROCHILUS PELLA variegated with White. Native of Cayenne.  
(Topez-throated Humming Bird)

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HUMMING BIRDS



CAMPYLOPTERUS LATIPENNIS  
(Blue-throated Sabrewing)  
Native of Tobago



TROCHILUS CORA  
(Cora Hummingbird)  
Native of Callao & Lima



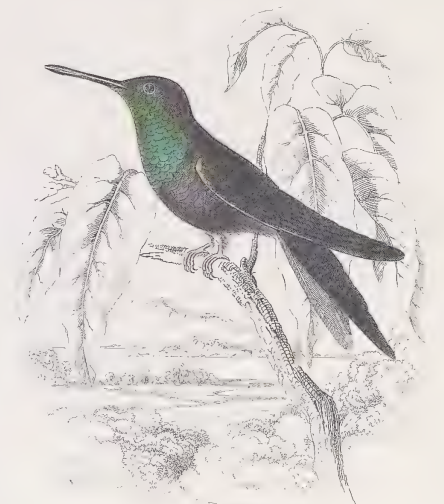
TROCHILUS GRAMINEUS - Adult Male, Native of St Domingo  
(Black-breasted Hummingbird)



TROCHILUS MELLIVORUS  
(White-collared Hummingbird)  
Native of Surinam



TROCHILUS GRAMINEUS - Young, Native of St Domingo



TROCHILUS FUSCATUS  
(Violet Forked-tailed Hummingbird)  
Native of S. America



TROCHILUS LEUCOTIS  
(White-eared Hummingbird)  
Native of Brazil



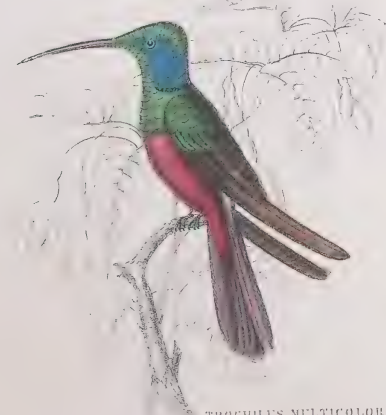
TROCHILUS DUPONTII  
(Dupont's Hummingbird)  
Native of Mexico



TROCHILUS SAPHIRINUS  
(Sapphire-throated Hummingbird)  
Native of Guyana



TROCHILUS VESPER - ♂ juv. of V. hostalis



TROCHILUS MULTICOLOR  
(Multi-colored Hummingbird)  
Habitat Unknown



TROCHILUS ENICURUS, Native of Brazil.  
(Half-tailed Hummingbird)

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# LEAVES FROM THE BOOK OF NATURE

## HUMMING BIRDS



TROCHILUS CYANOPAGAX.  
(Blue-throated Hummingbird)  
Native of Mexico



TROCHILUS MANGO  
(Mango Hummingbird)  
Native of the West Indies.



TROCHILUS GOULDII.  
(Gould's Hummingbird)  
Locality Unknown



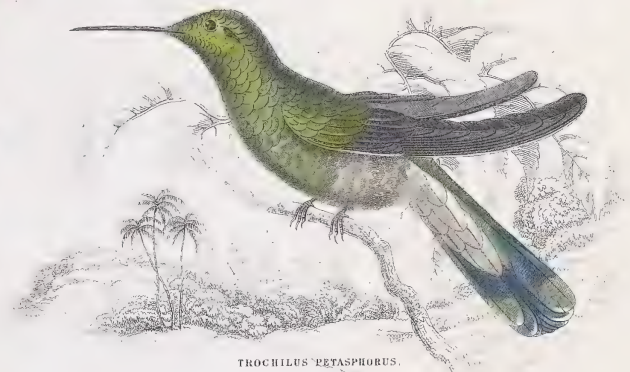
TROCHILUS MESOLEUCUS  
(White-striped Hummingbird)  
Native of Brazil.



TROCHILUS RIVOLI.  
(Duke of York's Hummingbird)  
Native of Mexico.



TROCHILUS TECTASPHORUS.  
(Violet-capped Hummingbird)  
Native of Brazil



TROCHILUS BUFFONI Native of Brazil



TROCHILUS POLYTUS.  
(Black-capped Hummingbird)  
Native of Jamaica



TROCHILUS WAGLERI  
(Native of Brazil)



TROCHILUS TRICOLOR  
Native of Mexico

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# LEAVES FROM THE BOOK OF NATURE

## SUN BIRDS.



*NECTARINIA CHALYBEIA.*  
Native of S. Africa.



*NECTARINIA CHLOROPYGIA.*  
Native of W. Africa.



*NECTARINIA BIFASCIATA.*  
Native of interior of Africa.



*NECTARINIA SPLENDIDA.*  
Native of W. Africa.



*NECTARINIA APVA.* Native of S. Africa.



*NECTARINIA COLLARIS.*  
Native of S. Africa.



*NECTARINIA VENUSTA.*  
Native of W. Africa.



*NECTARINIA VERROXII.*  
Native of Madagascar.



*NECTARINIA FUSCA.*  
Native of S. Africa.

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LEAVES  
FROM THE BOOK OF NATURE  
SUN BIRDS



*NECTARINIA LOTENSIS*  
Native of India



*NECTARINIA PECTORALIS, N. JUGULARIS*  
Natives of Java & Philippine Islands



*NECTARINIA HASSEANTI*  
Native of Java



*NECTARINIA NIPALENSIS*  
Native of Nepal



*NECTARINIA GOALPARAENSIS*  
Native of Nepal



Little Nectarine-Sunbird  
Native of India



*NECTARINIA PRONICURA*  
Native of Sikkim



*NECTARINIA HODGSONI*  
Native of Nepal



*NECTARINIA ADELBERTI*  
Native of Africa



*NECTARINIA MAHABATTENSIS*  
Native of India



*NECTARINIA AFFINIS*  
Native of Malacca

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LEAVES  
FROM THE BOOK OF NATURE  
SUN BIRDS



NECTARINIA CYANOCEPHALA  
Native of Sierra Leone.



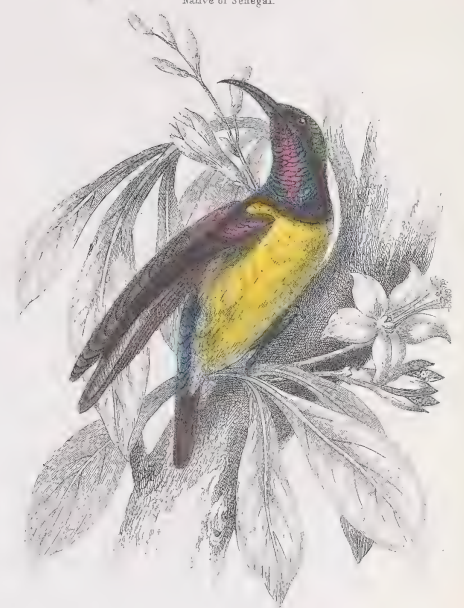
NECTARINIA FAMOSA  
Cape of Good Hope.



NECTARINIA SENEGALENSIS.  
Native of Senegal.



NECTARINIA AMETHYSTINA  
Native of S. Africa.



NECTARINIA ZEYLOINICA  
Native of India.



NECTARINIA STANGERI  
Native of W. Africa.



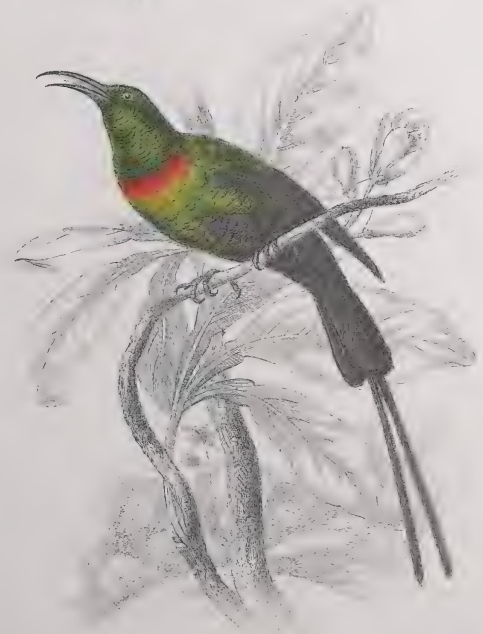
NECTARINIA PLATINA  
Native of S. Africa.



NECTARINIA FULIGINOSA.  
Native of W. Africa.



NECTARINIA VIOLEACEA  
Native of S. Africa.



NECTARINIA PULCHELLA  
Native of Senegal.



NECTARINIA NATALENSIS  
Native of Port Natal.

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LEAVES  
FROM THE BOOK OF NATURE  
FLY-CATCHERS.



CRESTED BLACK WATER CHAT  
Hills of N. America.



YELLOW-BELLIED FLYCATCHER  
Hills of N. America.



GREEN-BACKED FLYCATCHER  
Hills of N. America.



GREEN-BACKED FLYCATCHER  
Hills of N. America.



RUFUS-BACKED FLYCATCHER  
Hills of Brazil.



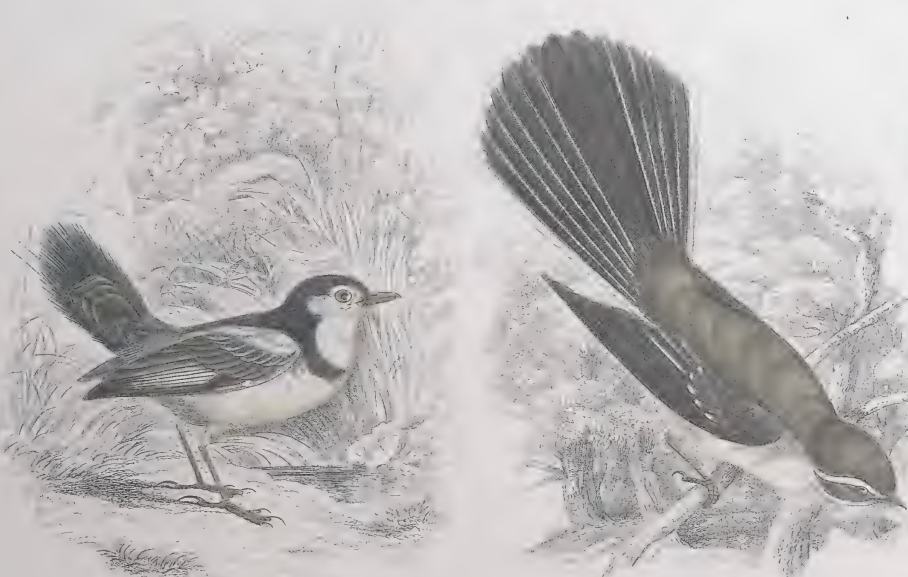
SPECTACLED, OR WHITE-WINGED WATER CHAT  
Hills of Brazil.



RUFUS-BACKED FLYCATCHER  
Hills of Brazil.



CRESTED-TAIL, OR SCALLOPED-WINGED FLYCATCHER  
Hills of Paraguay.



WHITE-BELLIED FLYCATCHER  
Hills of Paraguay.



WHITE-BELLIED FLYCATCHER  
Hills of Paraguay.

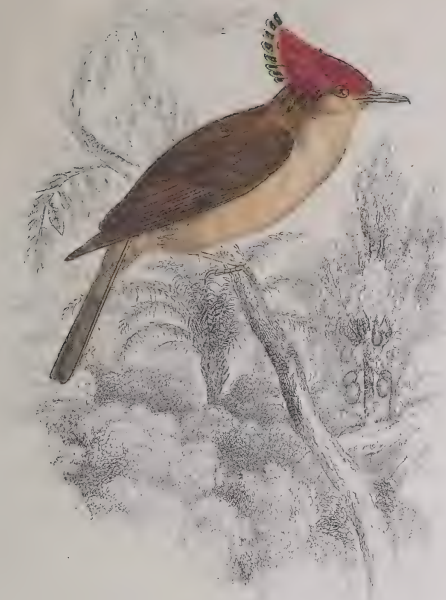
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FLY CATCHERS



RED-CAPPED FLYCATCHER  
HABITAT: INDIA



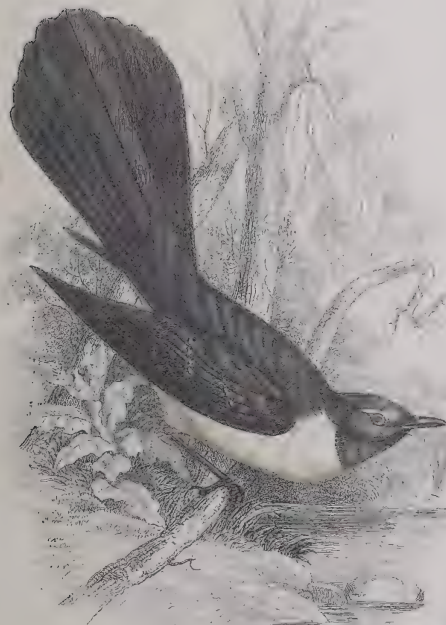
YELLOW-CHESTED FLYCATCHER  
HABITAT: INDIA



RUFUS-CROWNED FLYCATCHER  
HABITAT: INDIA



GOLDEN-ROBED FLYCATCHER  
HABITAT: INDIA



BLACK FAN TAIL  
HABITAT: INDIA



DISHWATER FANTAIL  
HABITAT: INDIA



WHISKERED FANTAIL  
HABITAT: INDIA



GREAT-HEADED FLYCATCHER  
HABITAT: INDIA



RUFUS-CROWNED FLYCATCHER  
HABITAT: INDIA



RUFUS-CROWNED FLYCATCHER  
HABITAT: INDIA



GOLDEN-ROBED FLYCATCHER  
HABITAT: INDIA

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# LEAVES FROM THE BOOK OF NATURE

12

## FLY CATCHERS



Native of New Guinea



ROBIN FLYCATCHER  
Native of Pondicherry



Native of Java



BLACK & RED FLYCATCHER  
Native of America



WHITE & BLACK FLYCATCHER  
Native of Java



GREY HEADED FLYCATCHER  
Native of Ceylon



BROWN & BLUE FLYCATCHER  
Native of India



Native of Western Africa



Native of Western Africa



LONG TAILED FLYCATCHER  
Native of New Holland

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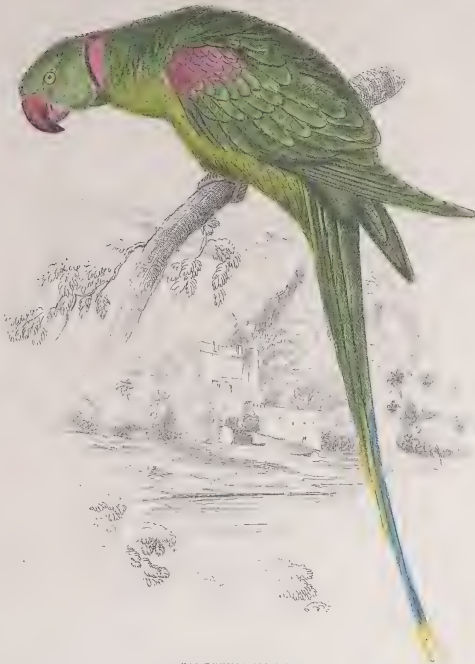




LEAVES  
FROM THE BOOK OF NATURE  
PARROTS.



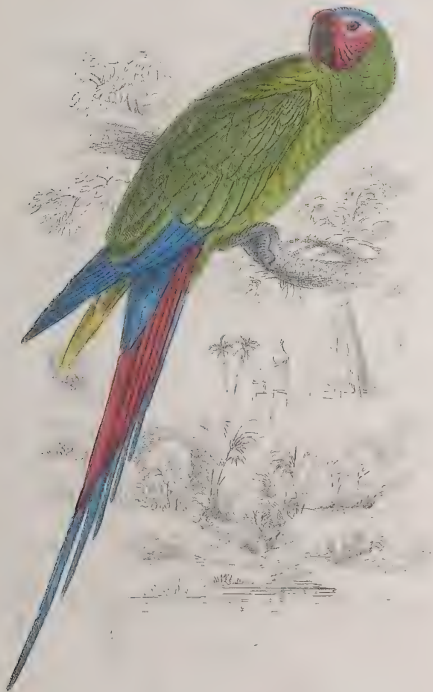
*Ptilinopus baradandii*  
Butt aband Ring Parakeet  
Native of N. Holland



*Ptilinopus alexandri*  
Alexandrine Ring Parakeet  
Native of the Island of Ceylon



*Ptilinopus malaccensis*  
Malacca Ring Parakeet  
Native of Malacca



*Macropygia militaris*  
The Great Green Macaw  
Native of Mexico & Peru



*Arara patagonica*  
Patagonian Arara  
Native of Paraguay



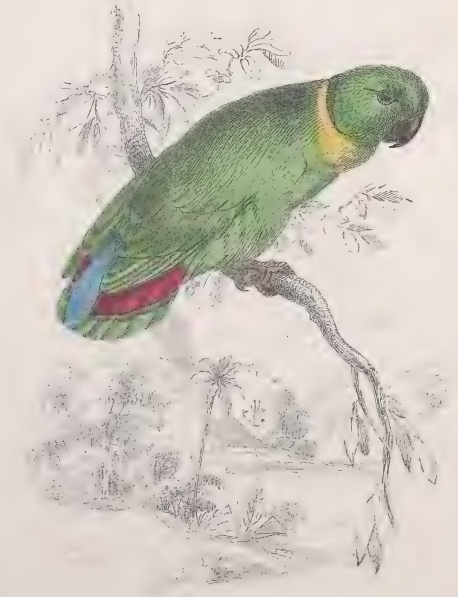
*Macropygia ararauna*  
Blue and Yellow Macaw  
Native of Brazil



*Pittacus festinus*  
Feather Parrot  
Native of S. America



*Macropygia aracantha*  
Red and Blue Macaw  
Native of Guyana



*Agapornis swindhorstii*  
Swindhorst's Love Bird  
Native of S. Africa

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# LEAVES FROM THE BOOK OF NATURE PARROTS.



*DASYPTILUS FREQUENS.*  
Dasyptilus  
Native of Australia



*LORIUS DOMICELLUS.*  
Purple-capped Lory  
Native of the Maldives



*NESTOR HYPPODOLIUS.*  
Southern Nestor  
Native of New Zealand



*MICROGLOSSUS ATERRIMUS.*  
Glossy Ibis  
Native of Japan



*PSITTACULA NOBILIS.*  
Noble Parrot  
Native of Brazil



*PSITTACUS ERYTHACUS.*  
Ash-colored or Grey Parrot  
Native of W. Africa



Crested Cockatoo - Love bird



*PTILINOPUS LEADBEATERI.*  
Throated-crested Cockatoo  
Native of Australia



*CHAMAESYNA PAPUENSIS.*  
Papuan Lory  
Native of Papua



*CALYPTORHYNCHUS STELLATUS.*  
Solated Geringere  
Native of Australia



*PTILINOPUS SULPHUREUS.*  
Sulphur-crested Cockatoo  
Native of the Maldives

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# LEAVES FROM THE BOOK OF NATURE

## PARROTS.



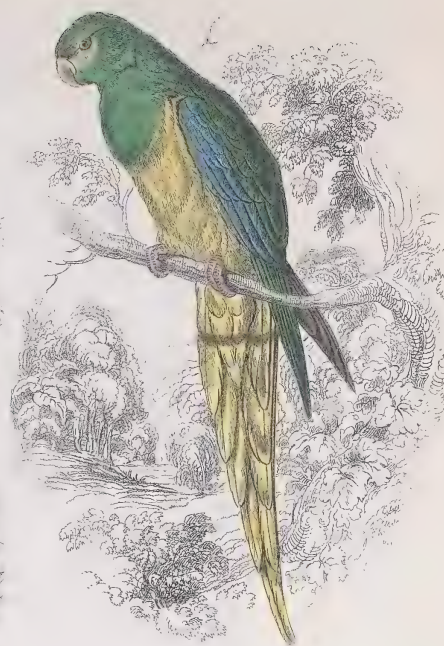
*NYMPHICUS NOVA HOLLANDIAE*  
Red Cheeked Nymphalike  
Native of New Holland.



*TRICHOGLOSSUS SWAINSONII*  
Blue Bellied Lorikeet  
Native of New Holland



*TRICHOGLOSSUS PYRRHOTERIS*  
Native of the Sandwich Islands



*NANODES VERREAUXI*  
Blue-Banded Nanodes  
Native of New Holland.



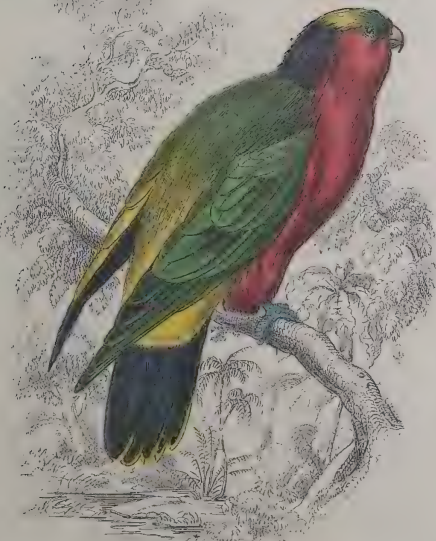
*PLATYCERCUS PENNANTII*  
Pennantian Broad Tail  
Native of New Holland



*PEZOPORUS FORMOSUS*  
Ground Parrot  
Native of New Holland



*PLATYCERCUS PALLICEPS*  
Pale Headed Broadbill  
Native of New Holland



*CATHARTUS KAKA*  
Kaka or Cathartus  
Native of Otaheite



*NANODES UNDULATUS*  
Undulated Nanodes



*PITTACUS GALLEUS*  
Saffron-colored Pittacus  
Native of the Indian Islands



*TRICHOGLOSSUS VERSICOLOR*  
Varied Lorikeet  
Native of New Holland

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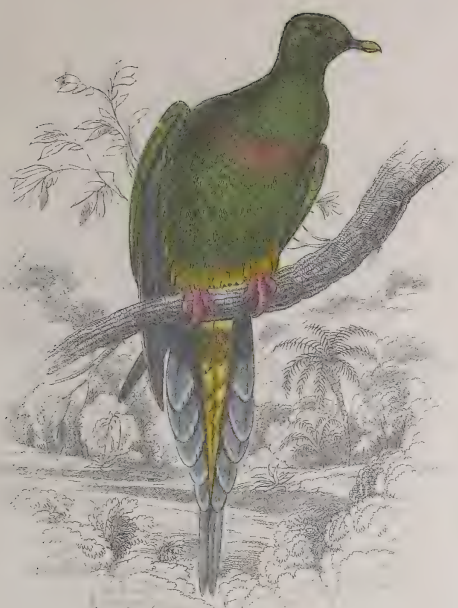




# LEAVES

## FROM THE BOOK OF NATURE

### PIGEONS



VINAGO OXYURA.  
(Sooty-Tailed Pigeon).  
Native of Java.



Ring Pigeon.  
Native of Britain.



CARPOPHAGA MAGNIFICA.  
(Magnificent Fruit-Pigeon).  
Native of Australia.



TRERON AENEUS.  
(Aeneas Pigeon).  
Native of India.



LOPHOPHANES OCEANICA.  
(Oceanic Fruit Pigeon).  
Native of the Caroline Islands.



COLUMBA SPADICEA.  
(Chestnut-shouldered Pigeon).  
Native of the Friendly Islands.



PTILINOPUS PURPURATUS.  
(Purple-crowned Pigeon).  
Native of Otaheite.



COLUMBA VITIENSIS.  
(Vitiensis Pigeon).  
Native of the Moluccas.



PTILINOPUS CYANOVIRENS.  
(Blue and Green Pigeon).  
Native of New Guinea.



PTILINOPUS MONACHUS.  
(Monachus Pigeon).  
Native of the Celebes.



COLUMBA DIOPHA.  
(Double-crested Pigeon).  
Native of New Holland.

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PIGEONS



CAPPOCINCTUS  
(Capped Ground Dove)  
Native of the West Indies.



PIPER CHALCOTTER  
(Pouter Pigeon)  
Native of Australia.



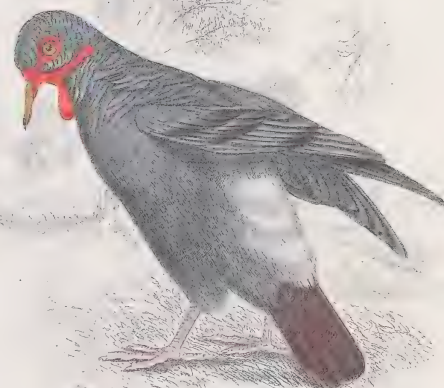
GEOPHILUS CYANOCEPHALUS  
(Blue-headed Ground Dove)  
Native of Cuba &c.



GEOPHILUS NICOBARICUS  
(The Nicobar Ground Dove)  
Native of the Island of Nicobar.



LOPHYRUS CORONATUS  
(Crowned Pigeon)  
Native of Java.



GEOPHILUS CARUNCULATUS  
(The Carunculated Ground Dove)  
Native of S. Africa.



CHAMEPELIA TALPICOLO  
(Ferruginous Ground Dove)  
Native of Brazil.



PERISTERA LARVATA  
(White-fronted Ground Dove)  
Native of S. Africa.



PERISTERA TYMPANISTRIS  
(White-throated Ground Dove)  
Native of S. Africa.



PERISTERA RUFAXILLA  
(White-rumped Ground Dove)  
Native of Jamaica.

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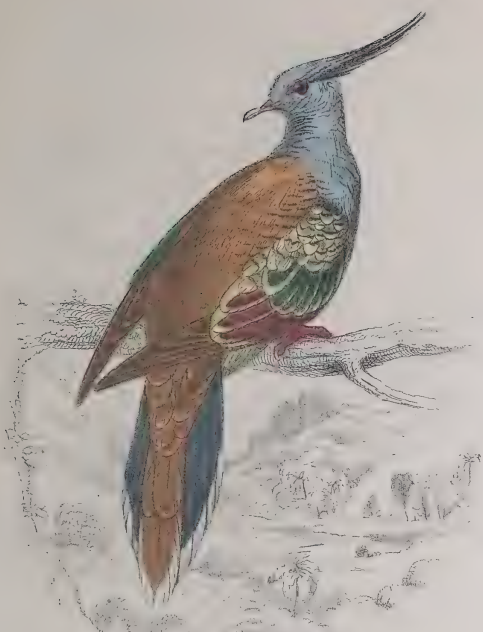






# LEAVES FROM THE BOOK OF NATURE

## PIGEONS



*TURTUR LOPHOTES*  
Native of Australia



*COLUMBA LIVIA, VAR. CUCUTARIA*  
(Jacobine Pigeon)



*COLUMBA LIVIA, VAR. CUCUTARIA*  
Native of N. America



*COLUMBA LIVIA, VAR. CUCUTARIA*  
Native of N. America



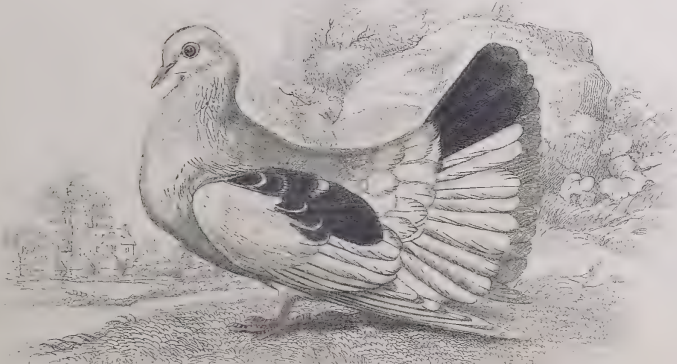
*COLUMBA LIVIA, VAR. CUCUTARIA*  
Native of N. America



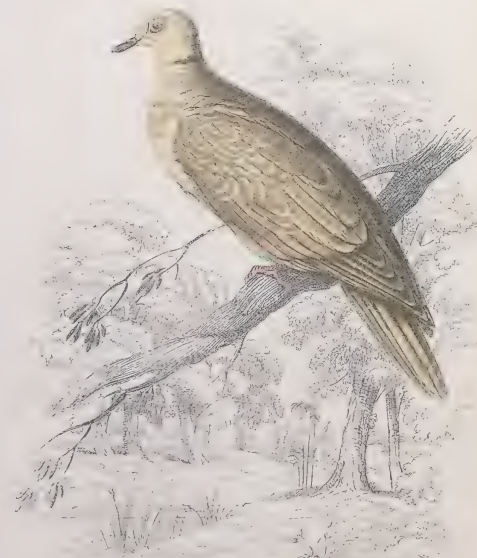
*COLUMBA LIVIA*  
(Hest or wild Rock Pigeon)



*COLUMBA LIVIA, VAR. CUCUTARIA*  
Native of N. Africa



*COLUMBA LIVIA, VAR. CUCUTARIA*  
(Broad or Fan-Tailed Shaker)



*COLUMBA LIVIA, VAR. CUCUTARIA*  
Native of Egypt

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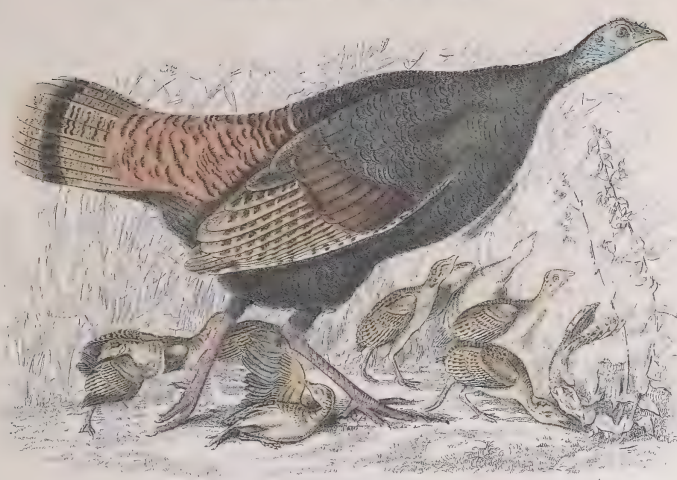
# LEAVES

## FROM THE BOOK OF NATURE

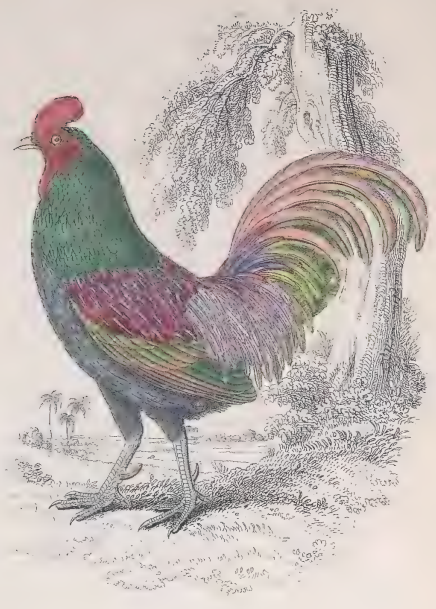
### GALL BIRDS



*GALLUS FURCATUS.*  
The Cock Tailed Cuckoo.  
Native of Java.



*MELAGRIS GALLOPADO.*  
Temple of Yum.  
Native of America.



*GALLUS GENEUS.*  
Native of Sumatra.



*MELAGRIS COLLEATA.*



*ARGUS GIGANTUS.*  
Native of Malacca.



*MELAGRIS GALLOPADO.*



*POLYPLECTRON CHINGUIS.*  
Native of China.



*POLYPLECTRON CHINGUIS.*  
Native of China.



*POLYPLECTRON EMBANAL.*  
Native of the Molucca Islands.

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# LEAVES FROM THE BOOK OF NATURE

## CALL BIRDS



*PHASIANUS SOMMERINGII*  
[Sommering's Pheasant]  
Native of Japan.



*PHASIANUS VERSICOLOR*  
[The Barred Pheasant]  
Native of China.



*PHASIANUS VERSICOLOR*  
[The Barred Pheasant]  
Native of Japan.



*GALLUS SONNERATI*  
[The Red Gamecock]  
Native of Java.



*PHASIANUS PICTUS*  
[The Painted Pheasant]  
Native of China.



*PHASIANUS KYTHIMERUS*  
[The Kythimer Pheasant]  
Native of Japan.



*EUPLOCOMIS IGNITUS*  
[The Ignitus Pheasant]  
Native of China.



*PHASIANUS VERSICOLOR* - Penn.  
Native of Japan.



*PHASIANUS TORQUATUS*  
[The Torquatus Pheasant]  
Native of Britain &c.



*EUPLOCOMIS IGNITUS*  
[The Ignitus Pheasant]  
Native of China.



*PHASIANUS VERSICOLOR*  
[The Barred Pheasant]  
Native of Japan.

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GALL BIRDS



TRAGOPAN HASTINGI  
Male Himalayan  
Native of Nepal



TRAGOPAN HASTINGI  
Female Himalayan  
Native of Nepal



LOPHOPHORUS IMPEYANUS  
Himalayan Monal Pheasant



TRAGOPAN HASTINGI  
Female Himalayan  
Native of Nepal



LOPHOPHORUS IMPEYANUS  
Female Himalayan  
Native of Nepal



NUMIDA MELEAGRIS  
Common Guinea Fowl  
Native of Africa



TRAGOPAN MELANOCEPHALUS  
Himalayan Monal Pheasant



NUMIDA CRISTATA  
The Crested Guinea Fowl  
Native of the Great Namaqua Country



EUPLOCOMUS PORPHYREUS  
Himalayan Monal Pheasant

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LEAVES  
FROM THE BOOK OF NATURE  
GAME BIRDS.



PERDIX PICTA  
(The Pheasant Partridge)  
Native of India.



COTURNIX TEXTILIS. (The Coromandel Quail)  
Native of India.



(The Sandpiper Partridge)  
SCOLOPAX COROMANDENSIS  
Native of Hindostan.



(The Chukar Partridge)  
PERDIX CHUKAR.  
Gould.  
Native of Hindostan.



ALECTORIS LAGOPUS  
(Lagopus Partridge)  
Native of China.



PERDIX PHASIANUS (The Common Partridge)  
Native of Europe.



PERDIX MONTANA (The Mountain Partridge)  
Native of Europe.



ORYX BOREALIS. (The Variegated Quail)  
Native of Russia.



(The Grey Partridge)  
PERDIX CINEREA.



Red Grouse.



The Rock Partridge.  
PERDIX PETRONA  
Native of Spain.

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LEAVES  
FROM THE BOOK OF NATURE  
GAME BIRDS



TETRAO FREGATA  
The Woodcock of Europe  
Native of Northern Europe.



(The Common Ptarmigan)  
LAGOPUS MUTUS.  
Winter Plumage  
Native of Britain



LAGOPUS SCOTICUS.  
(The Red Grouse)  
Native of Britain



QUITY CALIFORNICA (The California Quail)  
Native of California



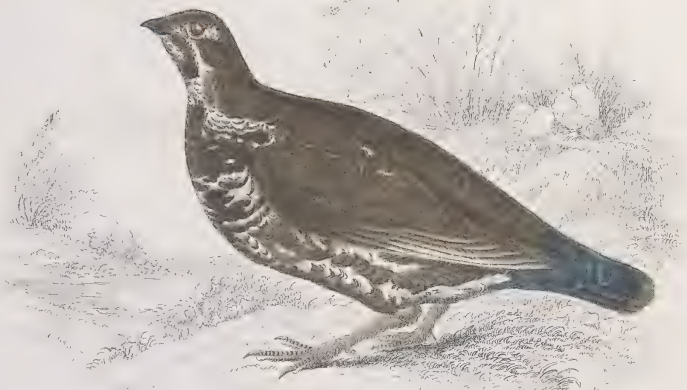
LAGOPUS MUTUS.  
Spring & Summer Plumage  
(The Common Pheasant)  
Native of Britain



TETRAO PHASGELLUS (The Sharp-shinned Quail)  
Native of Ireland



TETRAO PHASGELLUS



TETRAO CANADENSIS (The Canada Goose)  
Native of N. America



QUITY MACROPSA (The Land-tailed Grouse)  
Native of New Zealand



TETRAO PHASGELLUS (The Pheasant)  
Native of India

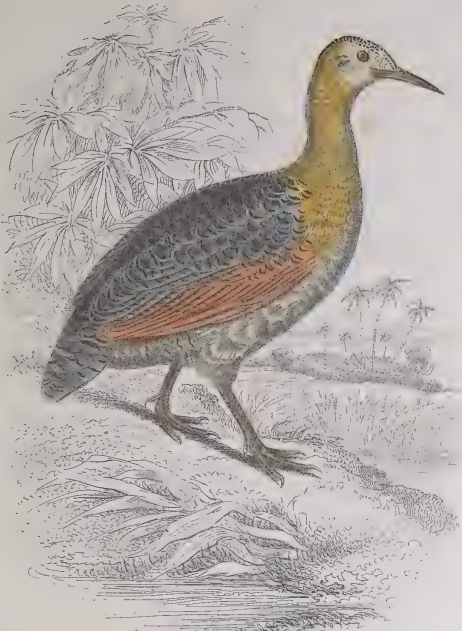
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# LEAVES FROM THE BOOK OF NATURE GAME BIRDS



*CERYLE ALCYON*  
(The Green-winged Teal) Native of Europe



*PLUVIALIS DOMINICA*  
Native of China



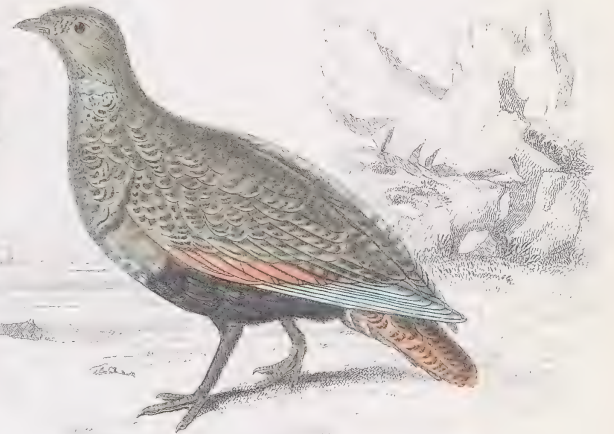
(The Common Black Grouse) Native of Britain  
*TETRAO TETRIX*  
Male



The Red-legged Partridge Native of Russia  
*ALCTORIS LAGOPUS*  
Male



*PHASIANUS TORQUATUS*  
Native of Britain



The Golden Plover Native of Russia  
*PLUVIALIS DOMINICA*



*ALCTORIS LAGOPUS* Native of Paraguay  
The Taitape



*CERYLE ALCYON*  
Native of India



*HIMANTOPUS MEXICANUS* (Black-necked Stilt)  
Native of Madagascar



*ORYZOPSIS MONTANUS*  
(The White-spotted Quail) Native of Africa, &c

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# LEAVES FROM THE BOOK OF NATURE

BIRDS

WESTERN AFRICA



GREY FALCON



CUCKOO FALCON



BLACK CHINNED GOSHAWK



WHITE-BELLIED CRAKE



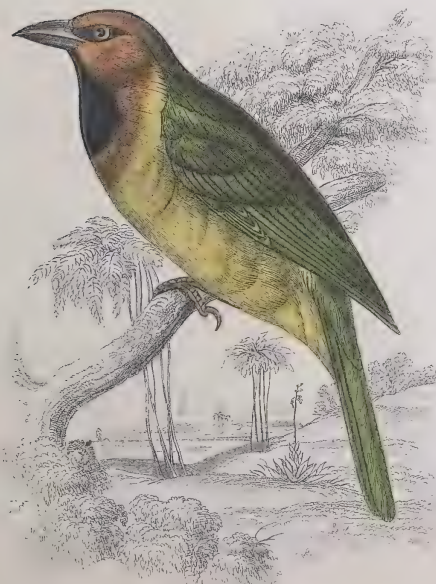
RUFUS NECKED FALCON



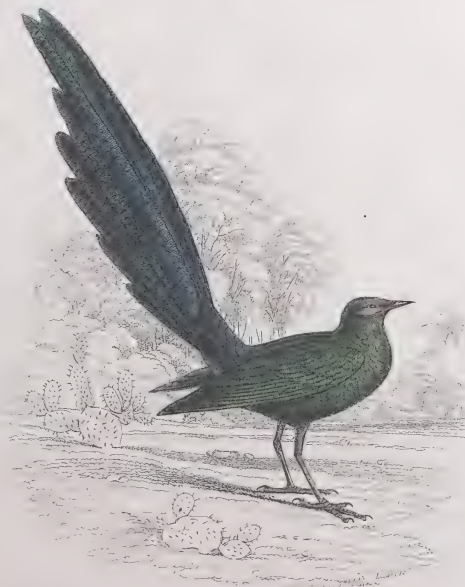
CHIMSON NT CRACKER



SENEGAL WHITE BACKED CUCKOO



BROWN-WINGED WEAVER



LONG-TAILED CRAKE



GOLDEN-WINGED CRAKE

FOR FULL DESCRIPTIONS VIDE THE NATURALIST'S LIBRARY BIRDS

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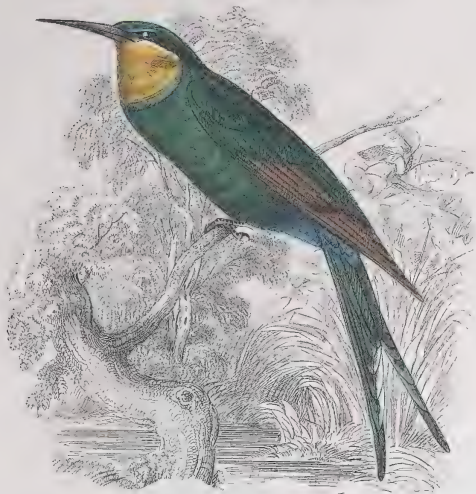




LEAVES  
FROM THE BOOK OF NATURE  
BIRDS  
OF  
WESTERN AFRICA



YELLOW-BELLIED BEE-EATER



FORKED-TAILED BLUE-VENTED BEE-EATER



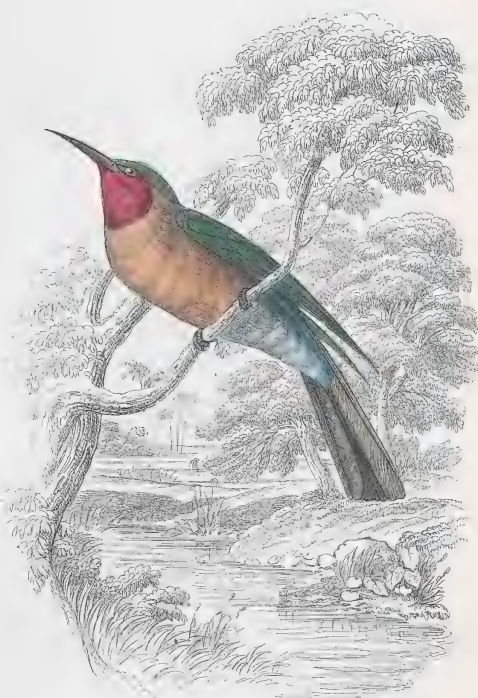
GREAT SPINNAWING



PENNY-WINGED NIGHT-JAR



YELLOW-THROAT



BLUE-BELLIED BEE-EATER



RED-RINGED PARAKEET



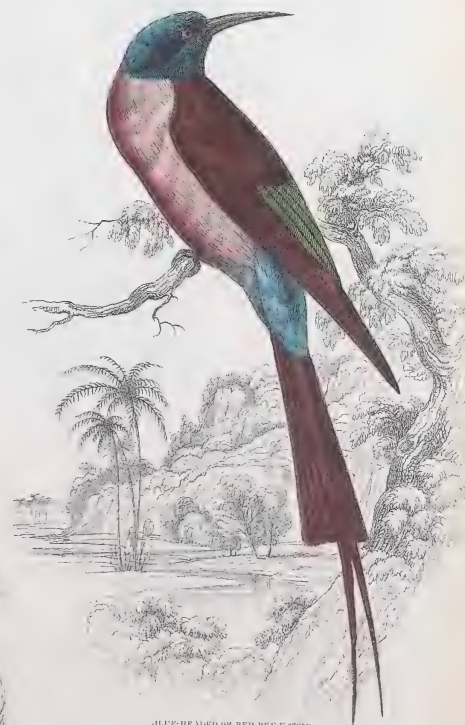
BUFF-BELLIED FLYCATCHER



BLUE-HEADED BEE-EATER



WHITE-EYED WOODPECKER



BLUE-HEADED OR RED BEE-EATER

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LEAVES  
FROM THE BOOK OF NATURE  
BIRDS  
OF  
WESTERN AFRICA



WHITE-BODIED SUNBIRD.



BLUE-BODIED CUCKOO.



YELLOW-BILLED CUCKOO.



RED-BELLIED KINGFISHER.



GREAT AFRICAN KINGFISHER.



MASKED GOLDFINCH.



BLUE-BELLIED KINGFISHER.



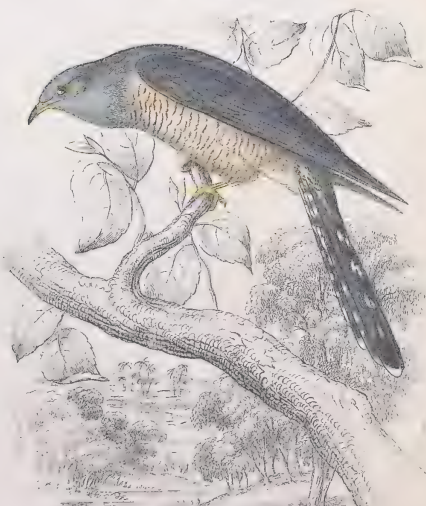
GREEN-BACKED SUNBIRD.



RED-BREASTED SUNBIRD.



SENEGAL LARK.



LINED CUCKOO.

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# LEAVES

FROM THE BOOK OF NATURE

## AFRICAN BIRDS



CRIMSON SHOULDERED CATBIRD  
Female



LESSER WHITE CROWNED ROCK THRUSH



CLIMBING LEAF LOVE



CRIMSON SHOULDERED CATBIRD



BARBERY OR YELLOW CROWNED BUSH SHRIKE



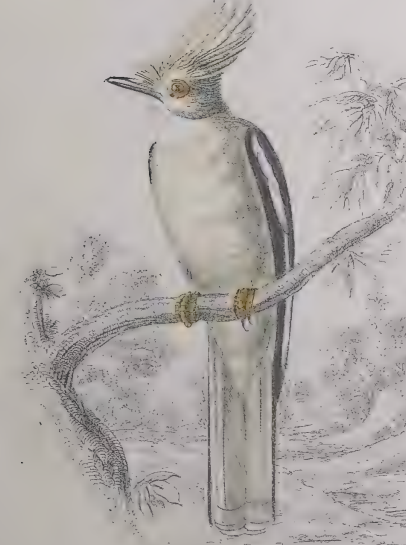
WALKING DRONGO SHRIKE



ORANGE BREASTED HILL SHRIKE



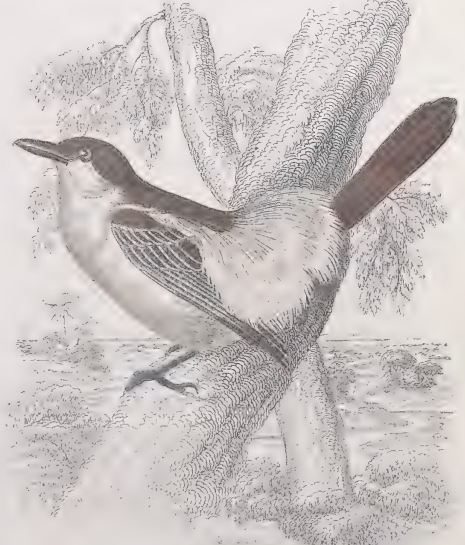
ORIOLE BABBLER



WHITE FACED SHRIKE



LARGE GREY HEADED BUSH SHRIKE



WHITE FACED BUSH SHRIKE

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# LEAVES

## FROM THE BOOK OF NATURE

### AFRICAN BIRDS



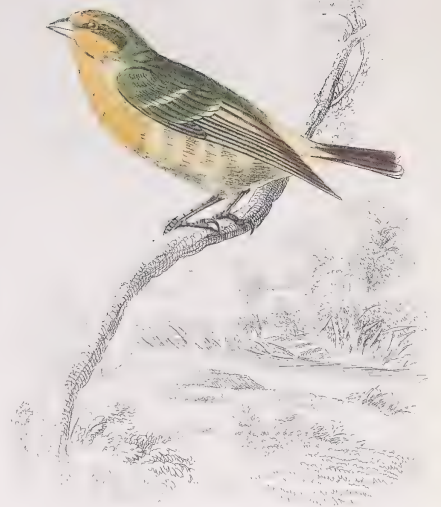
RED WINGED BUNTING



YELLOW BELLED OR CAPE BUNTING



CRIMSON LARED BUNTING



YELLOW RUMPED BULLFINCH



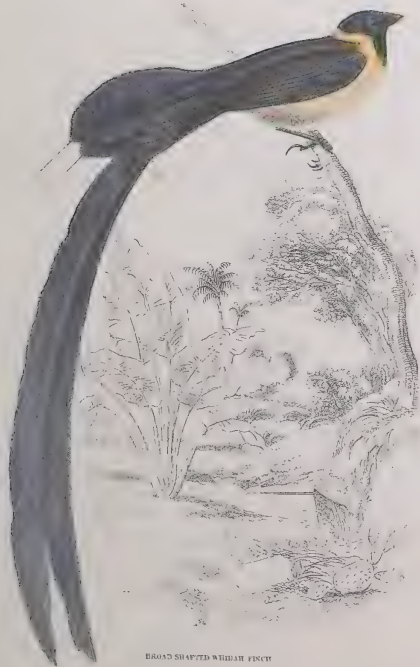
VARIEGATED PLANTAIN EATER



VIOLET PLANTAIN EATER



SENEGAL TOUCAN



BROAD SHAFTED WHISTLING FINCH



CRIMSON CROWNED WEAVER



RED STUFFED OR NODDY



RED BILLED WHISTLING

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# LEAVES FROM THE BOOK OF NATURE

30

## BIRDS OF WESTERN AFRICA



GREY CAPIN GULL



YELLOW-CROWNED W.



CRESTED TERN



BLACK-BELLIED PLOVER



STRIPED-THROATED LAPWING



BLACK-BELLIED LAPWING



YELLOW-BILLED MALLETS



THREE-BANDED SANDPIPER



LOW-TAILED CORMORANT



SENEGAL CUCKOO



RED-EYED PIGEON

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# LEAVES

## FROM THE BOOK OF NATURE

### BRITISH BIRDS



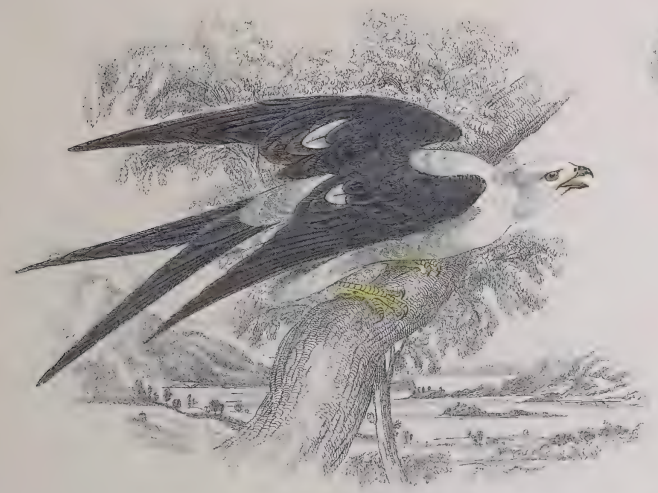
WHITE-TAILED SEA EAGLE



HONEY BUZZARD



OSPREY  
Female & Young



GOLDEN EAGLE



COMMON BUZZARD



RED-BREASTED NUTHATCH



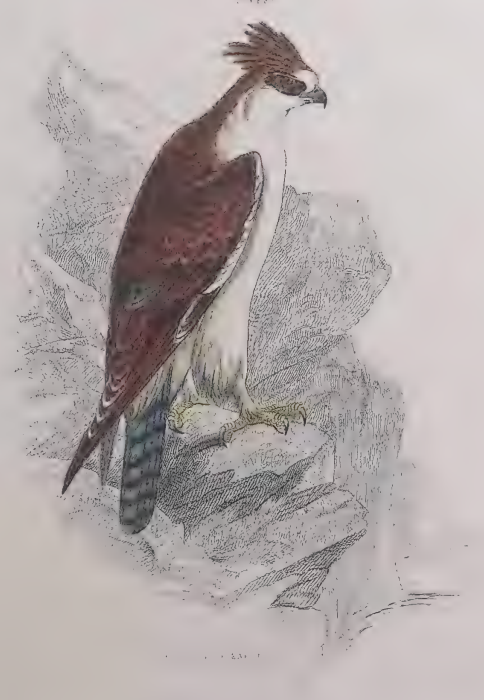
COMMON NUTHATCH



RED-FOOTED BOOBY



COMMON BUZZARD



COMMON BUZZARD



COMMON BUZZARD

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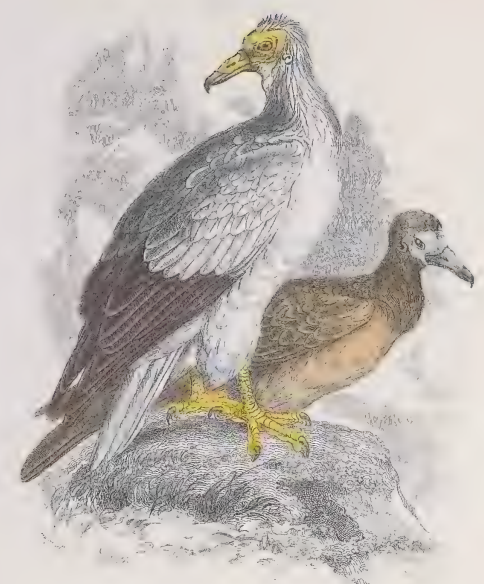
**LEAVES**  
**FROM THE BOOK OF NATURE**  
**BRITISH BIRDS**



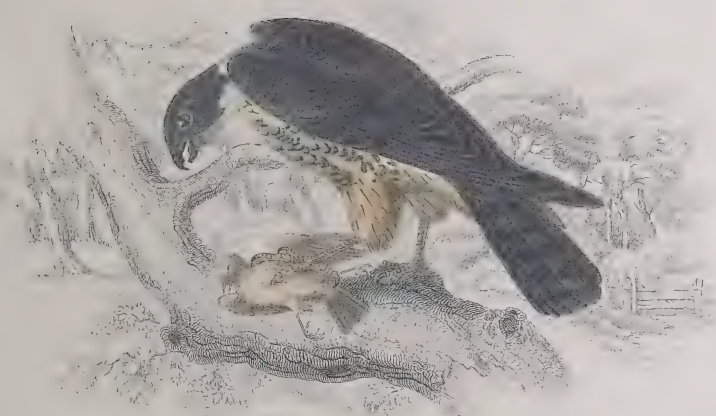
JAY FALCON  
 Adult & Young



KESTREL  
 Male & Female



OSPREY



PEREGRINE FALCON



SPARROW HAWK



SPARROW HAWK  
 Male & Female



SPARROW HAWK  
 Male & Female

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LEAVES  
FROM THE BOOK OF NATURE  
BRITISH BIRDS



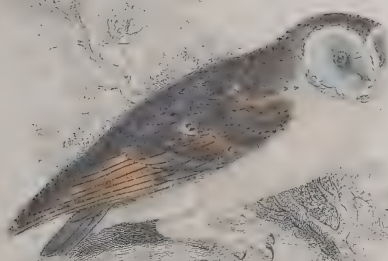
COMMON BUZZARD



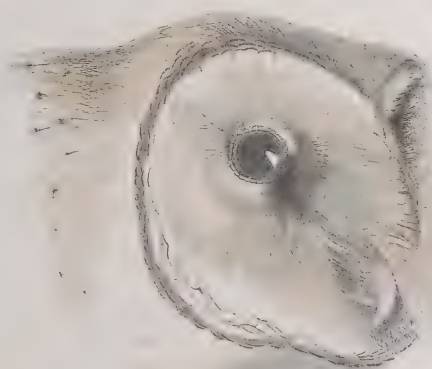
EAGLE OWL



SCREECH OWL



TAWNY OWL



LITTLE OWL

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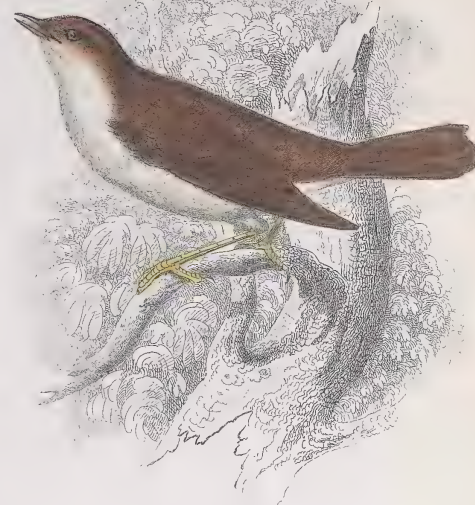
LEAVES  
FROM THE BOOK OF NATURE  
BRITISH BIRDS



GOLDEN ORIOLE



TITHYS REDSTART



NIGHTINGALE



GREAT CHIRUPING WARBLER



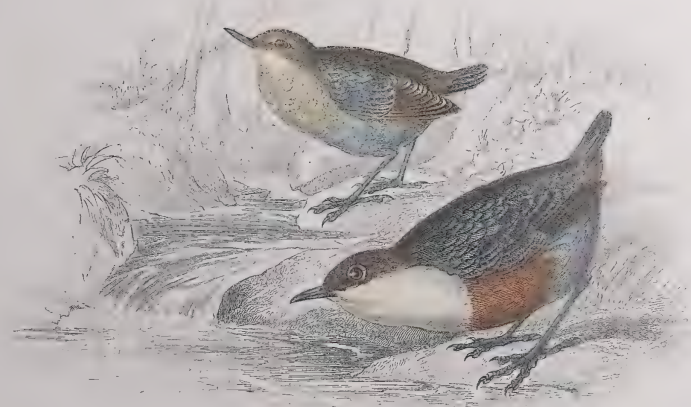
BLACKBIRD



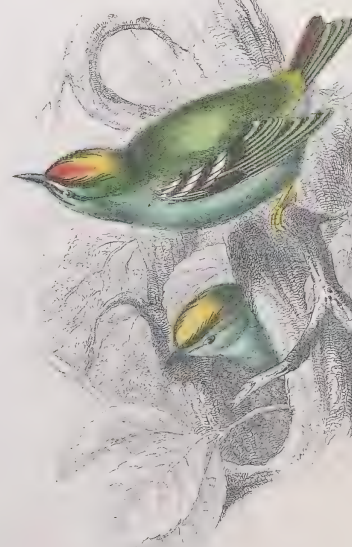
WHEATEAR



BLUE TIT



WREN



FIRE-CROWNED &amp; COMMON GOLDCREST

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# LEAVES

## FROM THE BOOK OF NATURE

### BRITISH BIRDS



WHITE-THROATED SPARROW



BRAMBLING



ROSE COLOURED STARLING



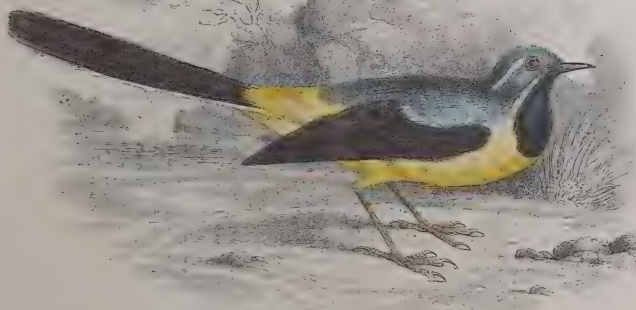
WREN OR HOUSEMAN CHATFIELD



BLACKBIRD



JAY



GREY WAGTAIL



GOLDFINCH



GOLDFINCH

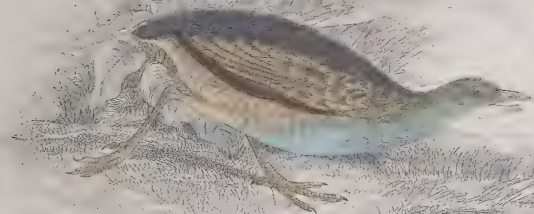
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BRITISH BIRDS



MEADOW OR CORN CRANE



OYSTERCATCHER



WATER-HEN

PARTRIDGE

CORLE

WATER RAIL



GREEN LAPWING OR PEEWIT



GREEN CRANE



WATER RAIL



THE COMMON COOT



COLLARED PRATINCOLE



SPOTTED CRANE



COMMON GALLINULE

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# LEAVES

## FROM THE BOOK OF NATURE

### BRITISH BIRDS



GLOSSY IBIS



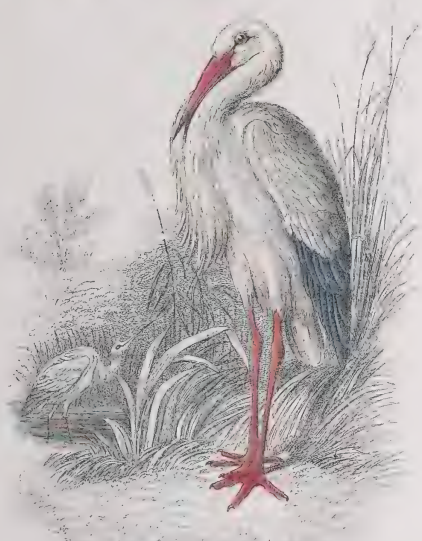
WOOD PIGEON



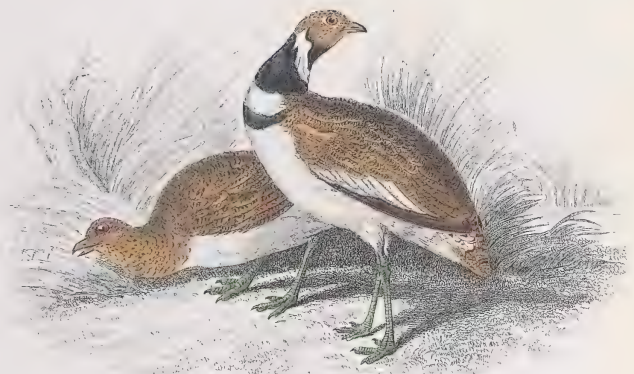
COMMON CRANE



ROCK PTARMIGAN



WHITE STORK



LITTLE BUSTARD



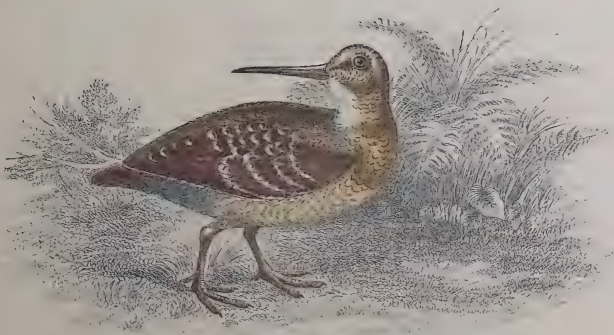
WHITE SPOONBILL



NIGHT HERON.  
Young & Adult



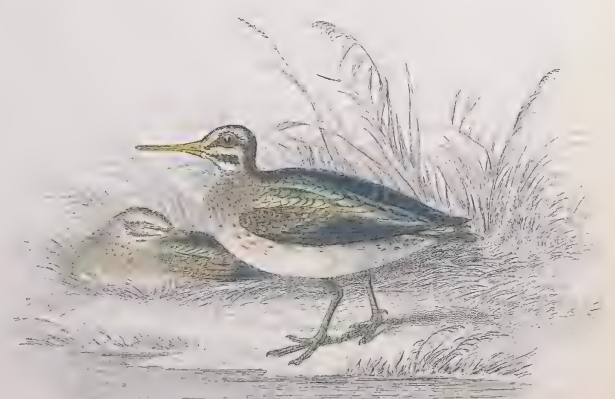
LITTLE EGRET.



WOODCOCK



BITTERN



JACK SNIFE

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LEAVES  
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BRITISH BIRDS



CROSS BILL



ROLLER



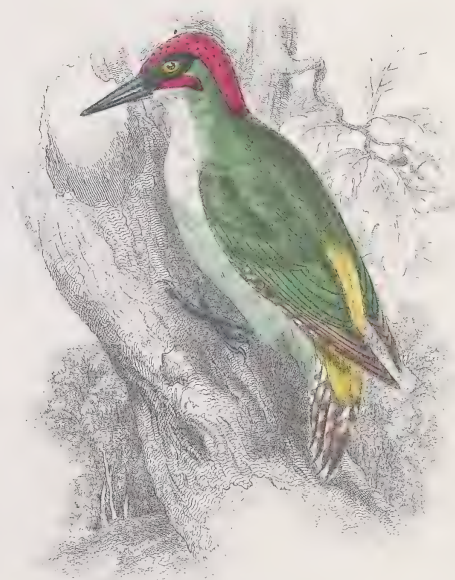
BULLFINCH



HOUSE MARTIN



KINGFISHER



GREEN WOODPECKER



WREN



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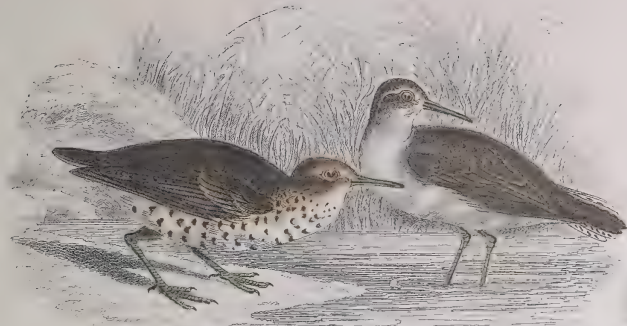






# LEAVES FROM THE BOOK OF NATURE

## BRITISH BIRDS



SPOTTED PLOVER

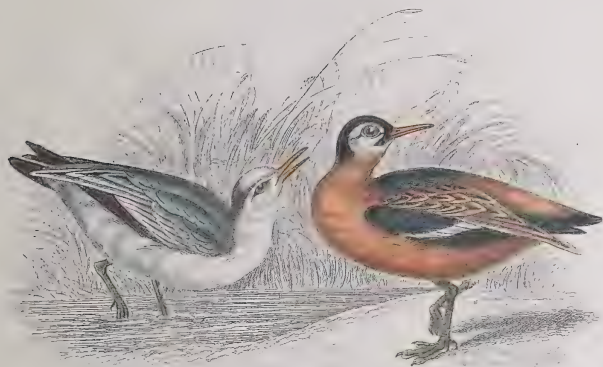
COMMON PLOVER



CURLEW



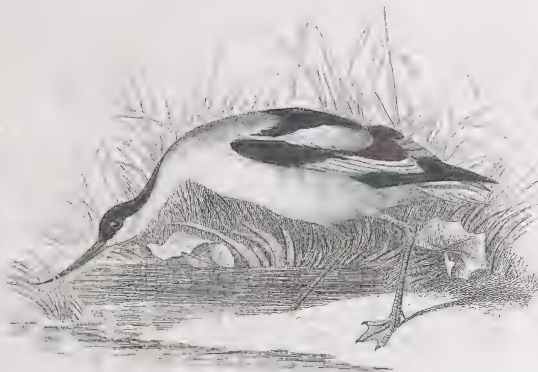
GOLDEN PLOVER



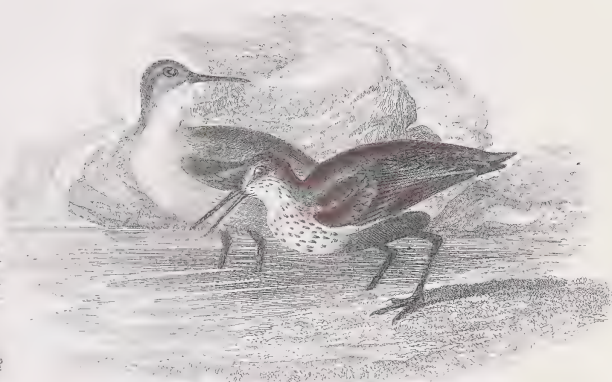
RING-BILLED GULL

RING-BILLED GULL

RING-BILLED GULL



WANDERING TATTLER



CURLEW OR DUNLIN



RING-BILLED GULL



COMMON THICK-KNEE



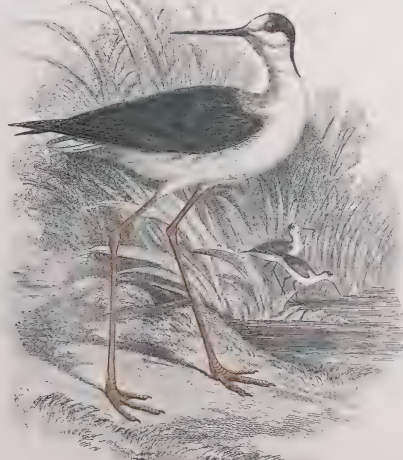
RING-BILLED GULL



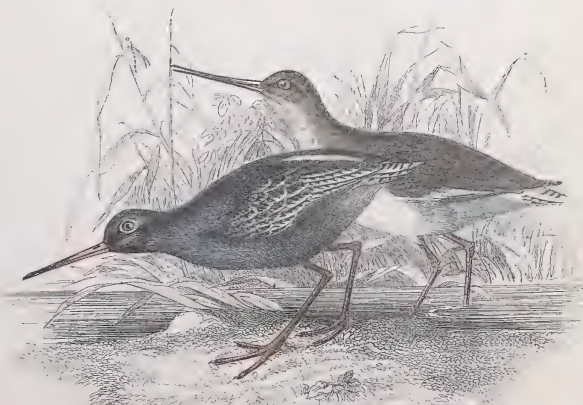
RING-BILLED GULL

RING-BILLED GULL

RING-BILLED GULL



BLACK-WINGED STILT



RING-BILLED GULL

RING-BILLED GULL

RING-BILLED GULL

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LEAVES  
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BRITISH BIRDS



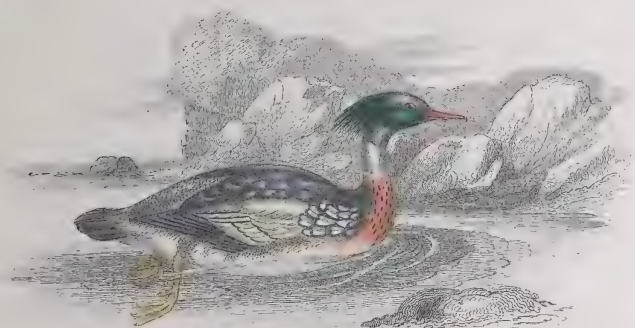
THE HARLEQUIN GARGOYLE



1 The Hooper. 2 The Mute Swan. 3 The Polish Swan. 4 Bewick's Swan.



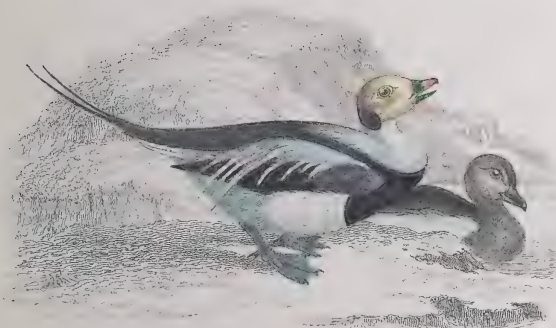
WHITE-FRONTED GOOSE



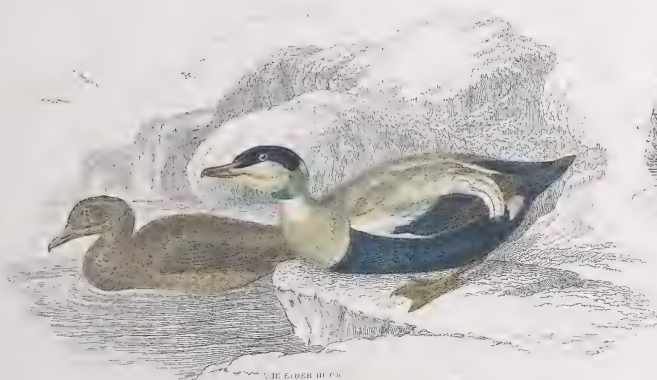
THE RED-BREASTED MERGANSER



THE COMMON SHELDRAKE



THE LORDSHIP OR NORTHERN PHEASANT



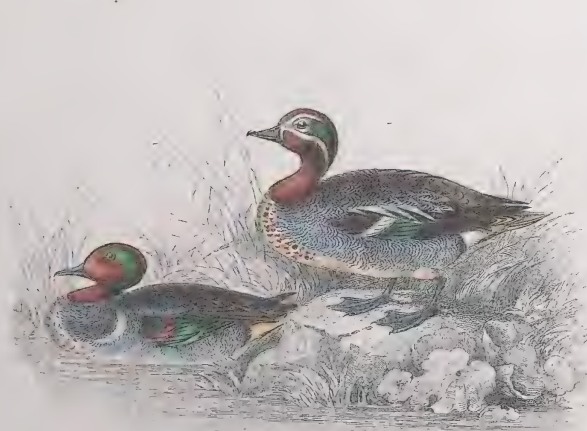
THE EUROPEAN TEAL



THE EUROPEAN TEAL



THE SHOVELLER



THE SHOVELLER



THE SHOVELLER

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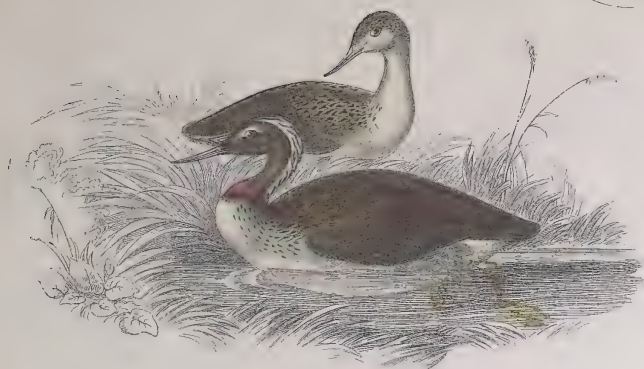






LEAVES  
FROM THE BOOK OF NATURE

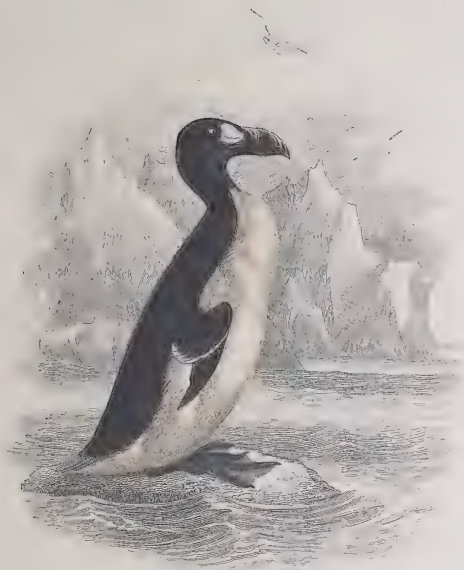
BRITISH BIRDS



THE RED-THROATED DIVER.



THE SLAVONIAN GREBE



THE GREAT AUK



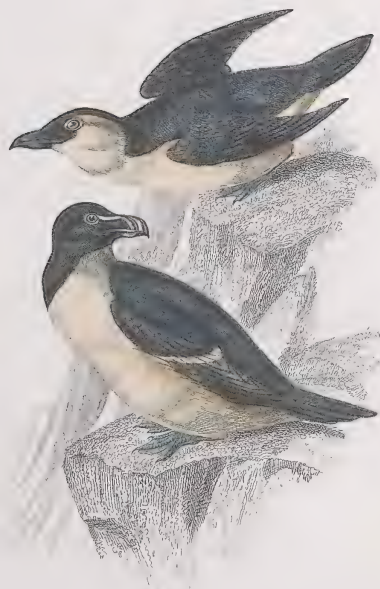
Common Guillemot.  
Winter Plumage



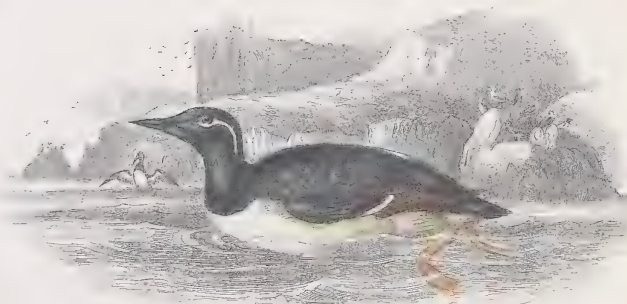
THE PUFFIN



THE GREEN CORMORANT



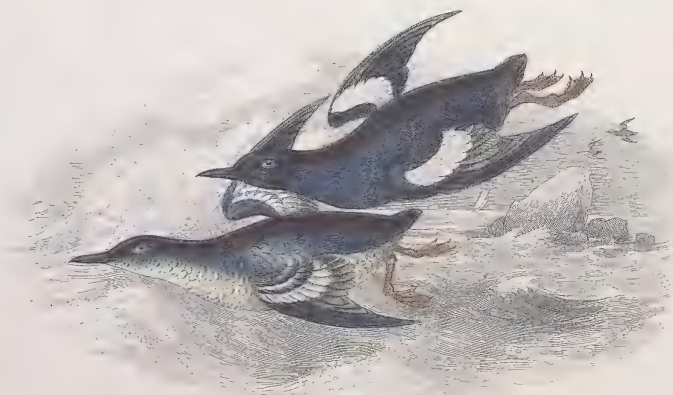
THE RAZOR BILL



BRINDLED GUILLEMOT.



THE LITTLE NODDY OR AUK



BLACK GUILLEMOT.  
Summer & Winter Plumage

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# LEAVES FROM THE BOOK OF NATURE

## BRITISH BIRDS



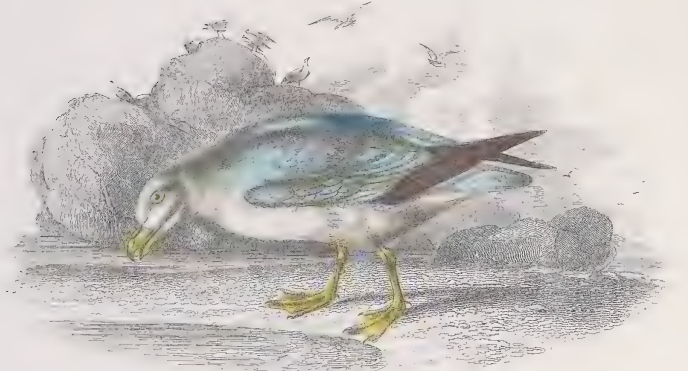
SABINE'S GULL (Summer Plumage)



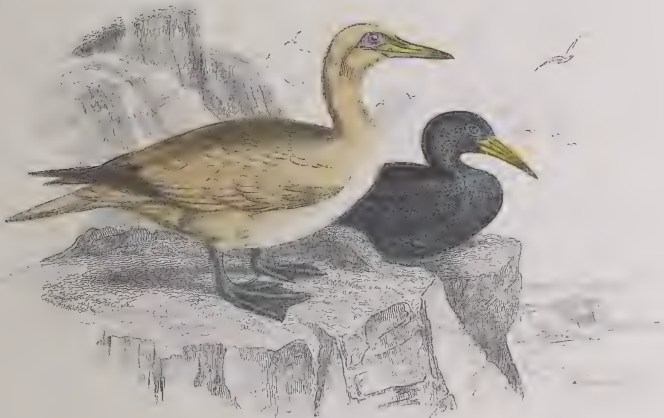
Black-winged Stilt.



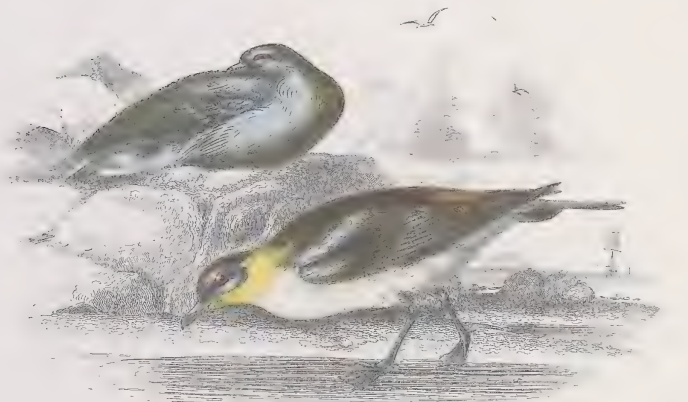
THIMBLE-BACKED GULL



FULMAR PETREL



THE SOLAN GOOSE  
Young & Old Plumage



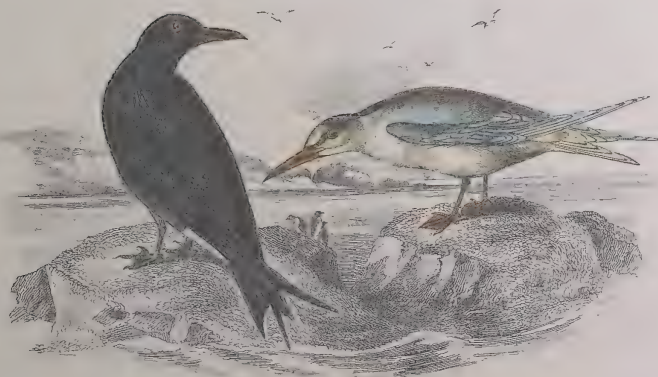
RICHARDSON'S SCAUP



THE STORMY PETREL



BLACK-HEADED or Laughing Gull



THE BLACK TERN

THE LESSER TERN



THE GLAUCOUS GULL

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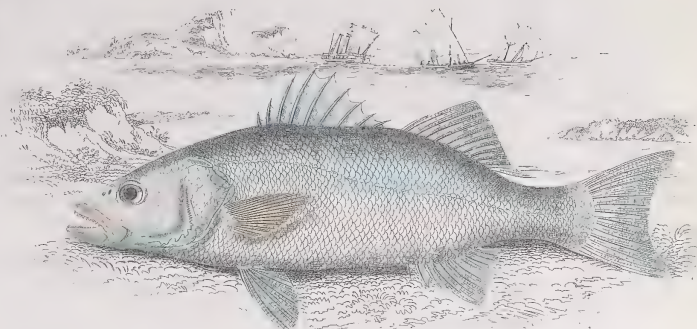


# LEAVES FROM THE BOOK OF NATURE

## PERCHES



*LATES NOBILIS*  
(The Lates of the Nile)  
Africa



*LABRAX LUPUS* (The Bass)  
(Now in the Mediterranean)  
British Seas &c



*PERCA GRANULATA* (The Granulated Perch)  
(Fishes of Europe)  
Habitat of America



(The Black Bass of the United States)

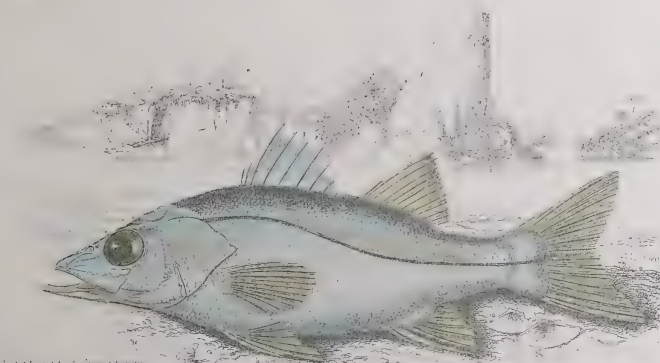
RED NOBILIS



*ENOPOLOSUS ARMATUS* (The Armed Knopfish)  
New Zealand Seas



Two Spotted Diploporion  
*DIPLOPORION MACULATUM*  
Indian Seas



*CENTROPOMUS UNDECIMALIS*  
(The Snappers)  
The West Indies



*ETLIS CARUNCULUS* (The Ruby-coloured Etlis)  
(Island of Tobago)  
Sechell Islands



*GOODEA SANDRA* (The Sandra)  
The Pacific

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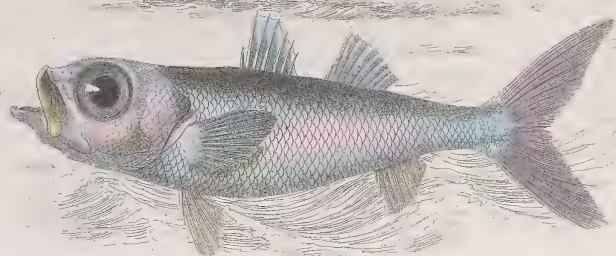




PERCHES



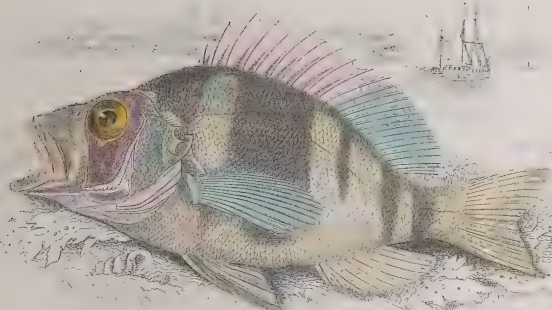
*PLECTROPOMA LEOPARDINUS* (Leopard-spotted Pteropoma.)  
Indian Seas.



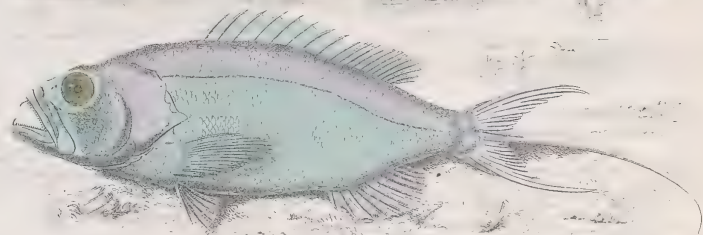
*POMATOMUS TELESCOPUM* (The Large-eyed Pomatomus.)  
Mediterranean Seas.



*CHEILODIPTERUS ARABICUS*  
Habitat of the Red Sea.



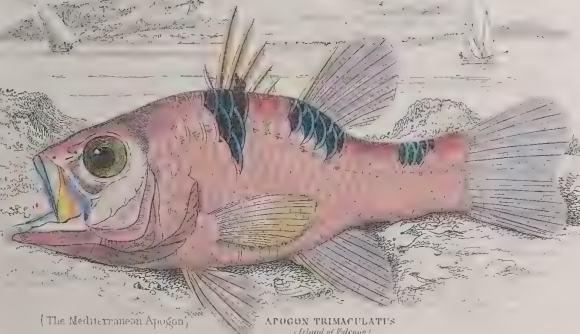
*PLECTROPOMA PUELLA* (Beautiful Pteropoma.)  
Mediterranean.



*SERRANUS PHAETON* (Long-tailed Serranus.)  
Habitat unknown.



*SERRANUS CERNA* (Horned Serranus.)  
Mediterranean.



(The Mediterranean Apogon.)  
*APOGON TRIMACULATUS*  
(Island of Palermo)  
Mediterranean Seas.



*SERRANUS ATLANTICUS*  
Atlantic Seas.



*SERRANUS ANTHIAS*  
Mediterranean.



*GRAMISTES ORIENTALIS* (The Oriental Gramistes.)

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## PERCHES



(The Brazilian Peypicus)  
*MYTICUS ARENATUS*  
*(Lacép.)*  
*Eschsch.*



*CENTROPOMUS NIGRICANS*. (American Black Bass)  
*American Society*  
*United States*



The Salmon-termed (Greville)  
North America.



*Pentaceros Capensis*  
Name of Cape of Good Hope.



*MESOPRION UNINOTATUS*  
(One spotted Mesoprion)  
*Amazon Sea.*



*DIACOPE RIVULATA* (Eggs of Diacope)  
Coast of Carmandel



*POLYPRION CERNICUM*  
Mediterranean  
(Many-spined Polyprion)



*ACERINA VULGARIS* (The bass)  
From near Acquis  
Isle of France.



*MESOPRION CHRYSURUS* (Golden-tailed Mesoprion)

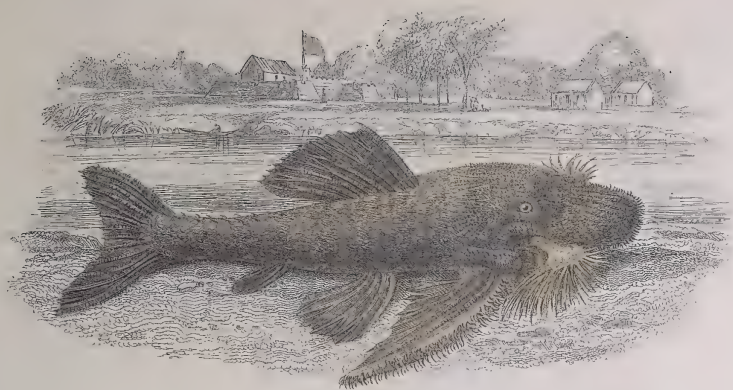
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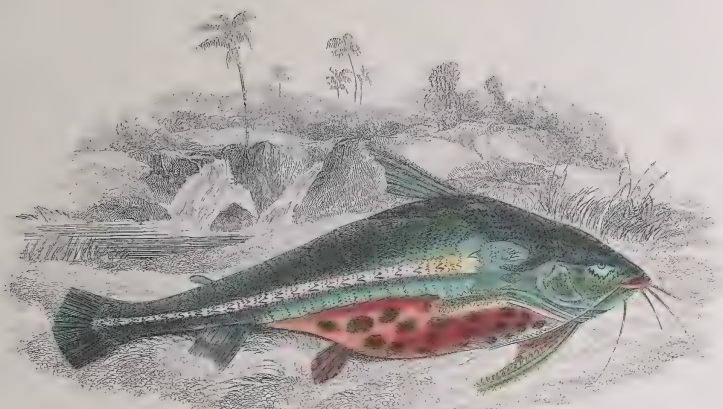
LEAVES  
FROM THE BOOK OF NATURE  
FISHES OF GUIANA.



ACANTHICUS HISTRIX.  
Fort St. Joann in the distance.



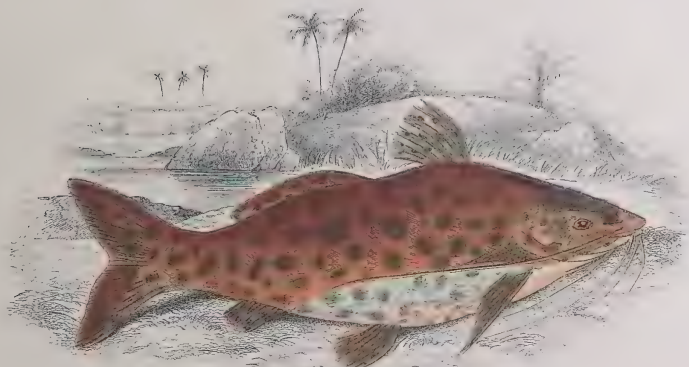
MYPOSTOMA SQUALINUM



DORAS CASTANEUS-VENTRIS.



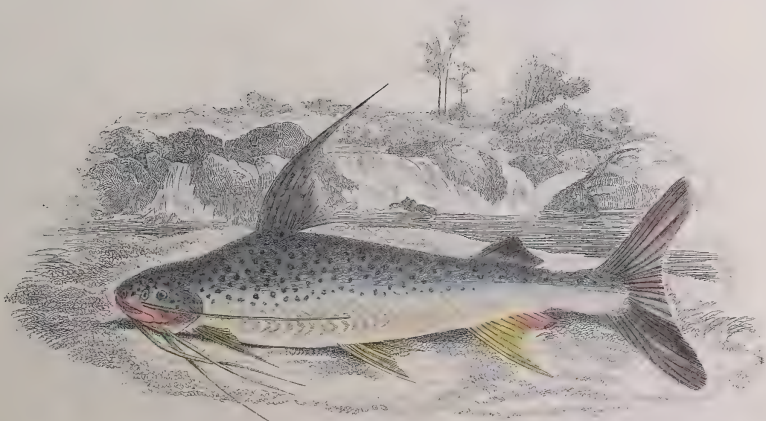
ARIUS ONCINUS.



PIMELODUS AREKAIMA.  
Native of the Essequibo, Guiana.



PIMELODUS INSIGNIS.



PIMELODUS NOTATUS  
Native of the Rio Branco, Guiana.



PLATYSTOMA TIGRINUM

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# LEAVES FROM THE BOOK OF NATURE

5

## FISHES OF GUIANA.

*SERRASALMO PUNCTATUS.*  
Native of the Essequibo, Guiana.

*CUALCUS MACROLEPIDOTUS*

*XUDIS GIGAS*

*SELAGIA MOENCHII*

*SERRASALMO NIGER.*

*Fila Chalcus latrovis* by *Chalcus nigro-fasciatus*  
Natives of the River Padouri, Guiana.

*ANODUS NOTATUS*

*OSTEOGLOSSUM AROWANA.*

*SERRASALMO EMARGINATUS*

*HYPODHYALUS DASYLEPS*

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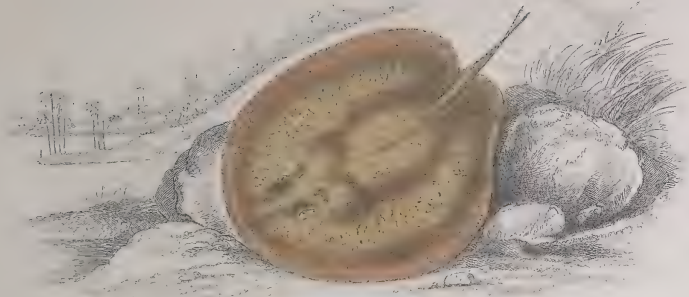




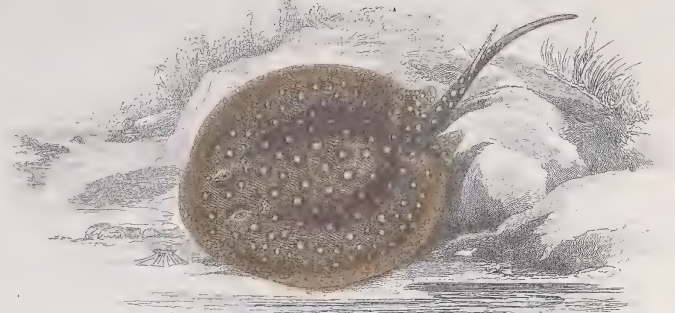


# LEAVES FROM THE BOOK OF NATURE

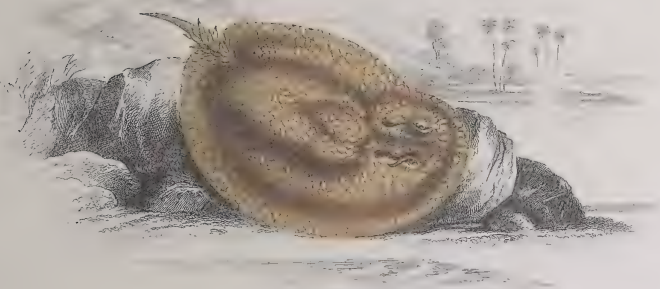
## FISHES OF GUIANA.



*Trygon stegoleptus.*



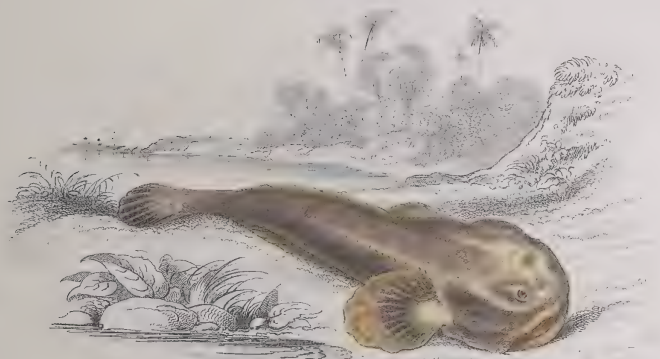
*Trygon garra.*



*Elipsurus spinicauda.*



*Cychla Orinocoensis.*



*The Piranha of Guiana.*



*Unarmed Eremophilus? Pimelodus of the Volcanos.*



*Cychla monoculus.*



*Blunt-toothed Curmatu.*



*The Guianese Eremophilus.*



*Silurus Packia.*

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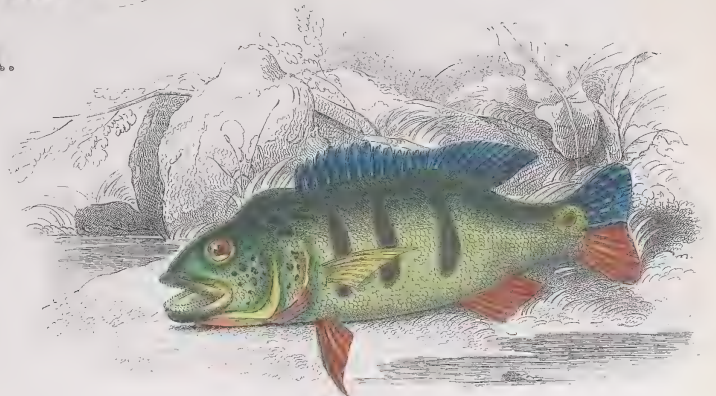


# LEAVES FROM THE BOOK OF NATURE

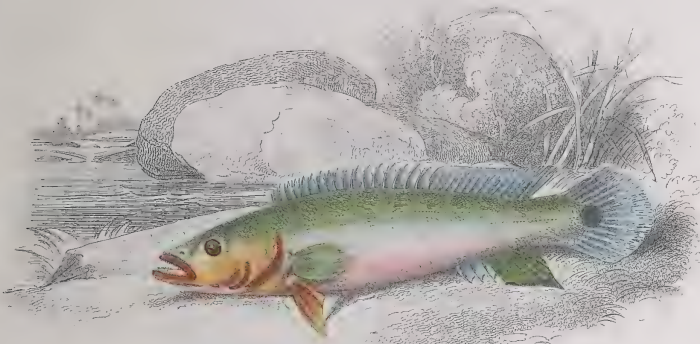
## FISHES OF GUIANA.



*Cyelia nigro-maculata*



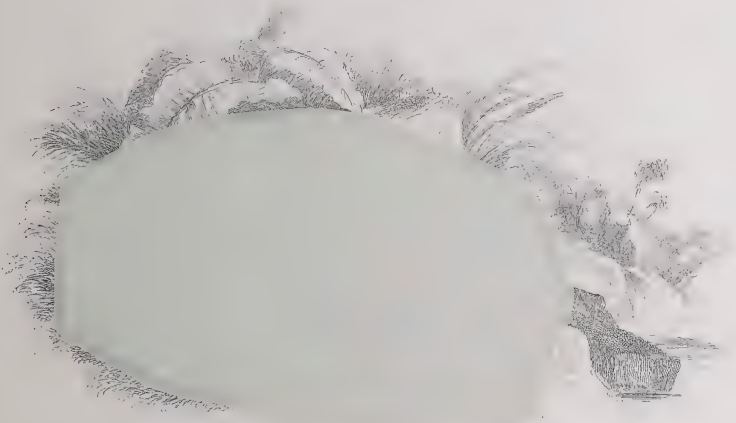
*Cyelia trifasciata*



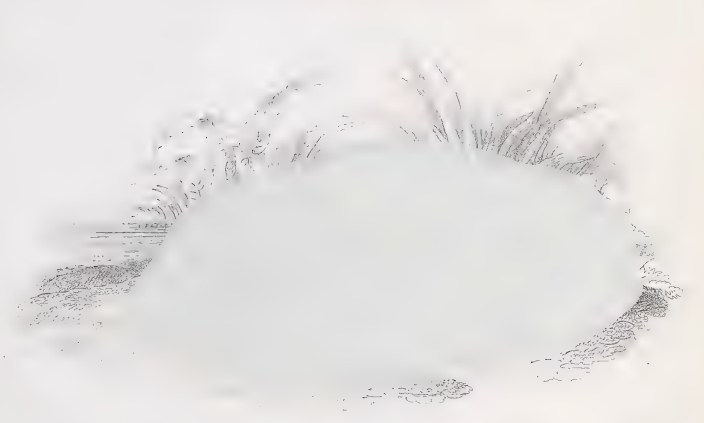
*Cyelia rubens*



*Cyelia flavo-maculata*



*Cyelia rubro-ocellata*



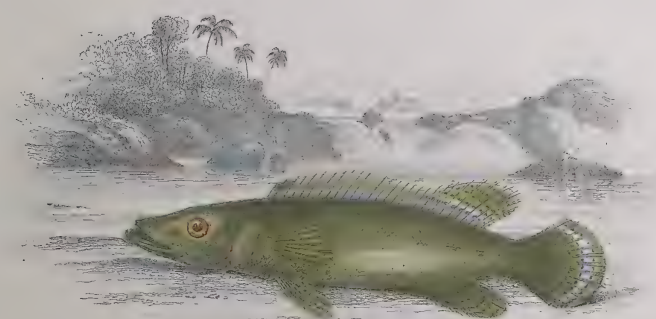
*Cyelia argentea*



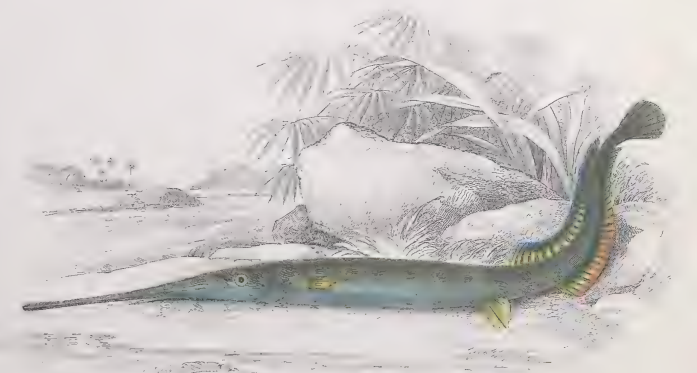
*Cyelia lineata*



*Cyelia argus*



*Cyelia labrina*



*Belonti? Guianensis*

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LEAVES  
FROM THE BOOK OF NATURE  
FISHES OF GUIANA.



*Centrarchus cyanopterus*



*Centrarchus cyathus*



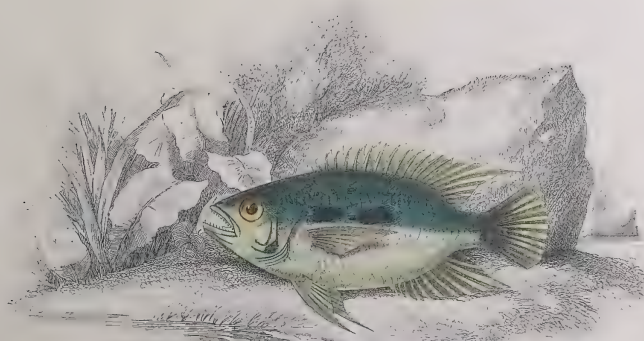
*Pomoxis lineatus*



*Darkmarked Centrarchus*



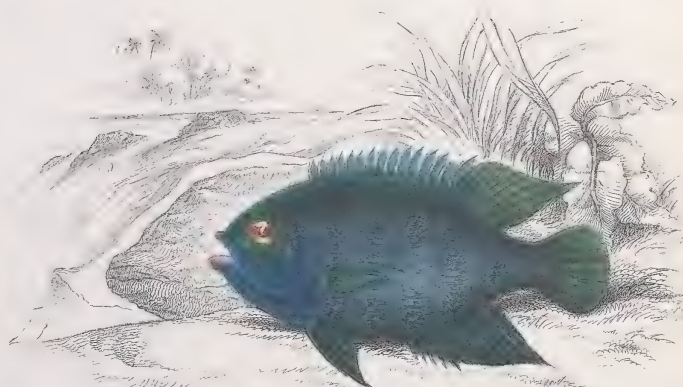
*Centrarchus Axillatus*



*Centrarchus rostratus*



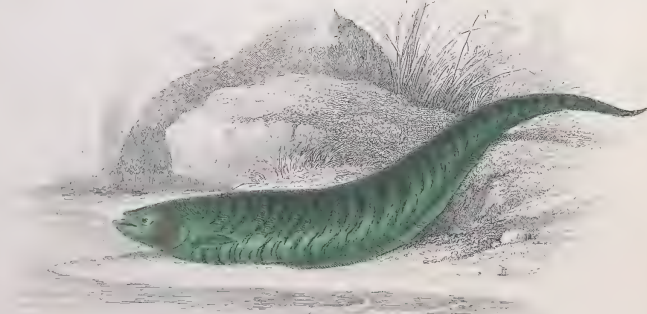
*Many-spined Trygon*



*Centrarchus niger*



*Gymnotus electricus*



*Gymnotus Maculatus*

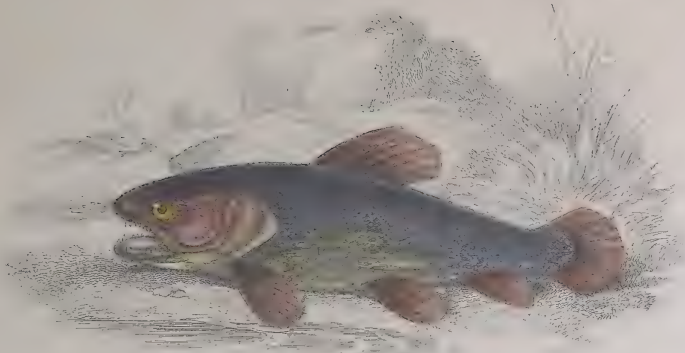
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FISHES OF GUIANA.



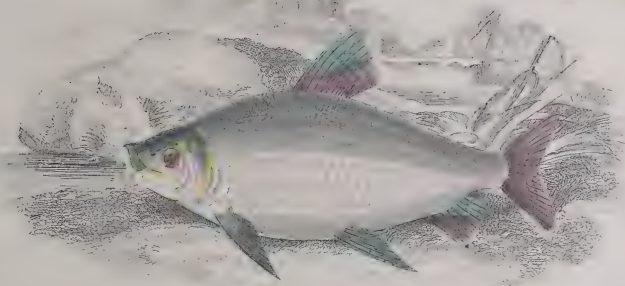
PTERYGICHTHYS MACRURUS



PROCHILODUS INSIGNIS



CICHLASOMA ESSEQUIBO



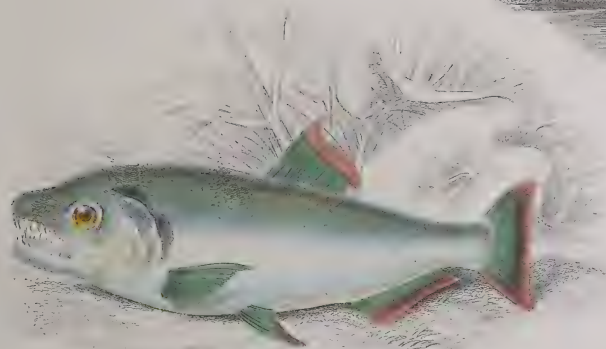
PROCHILODUS LINEATUS



PROCHILODUS LINEATUS  
Native of all the Rivers of Guiana



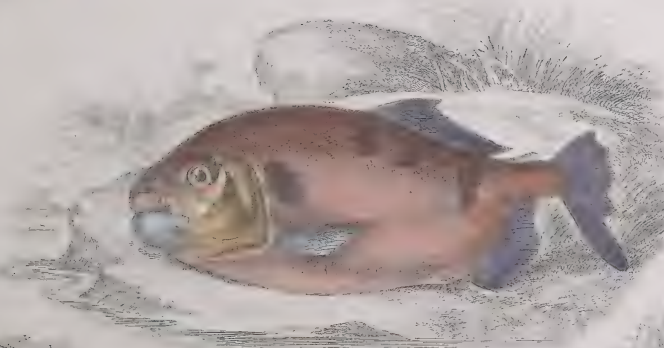
PROCHILODUS LINEATUS  
Native of the Rio Negro, Guiana



HYDROCORYMBUS ARMATUS



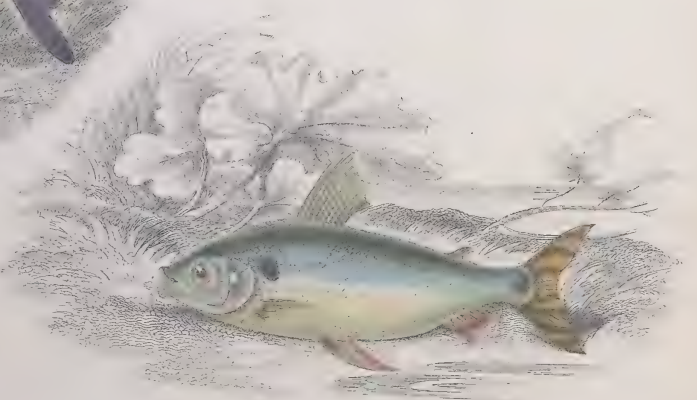
PROCHILODUS LINEATUS



CICHLASOMA ESSEQUIBO  
Native of the Essequibo, Guiana



PROCHILODUS LINEATUS



PROCHILODUS LINEATUS

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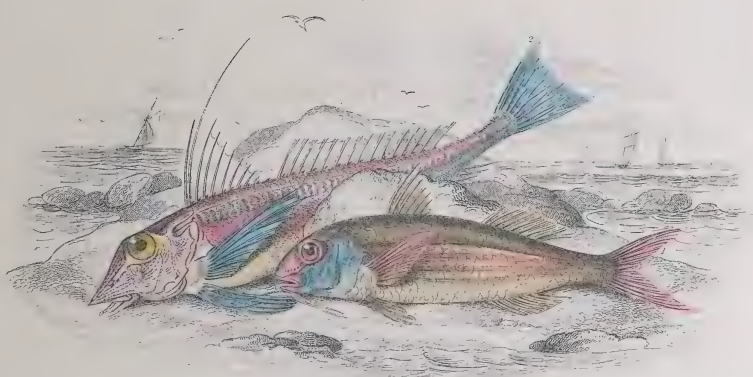
## BRITISH FISH.



1. Common Perch. 2. Common Nase.



1 The Ruff. 2 The Greater Wren.



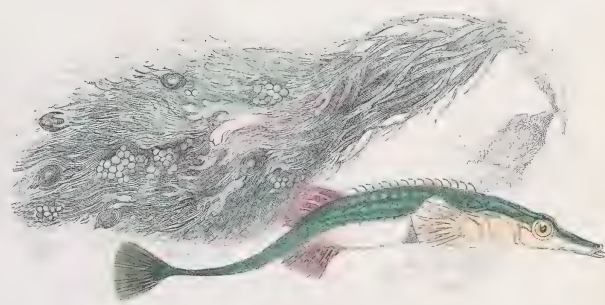
1 Red Squirrel. 2 Long finned Captain.



Mottled Gurnard.



1. ARMED BELL HEAD, OR TONGUE. 2. SURWAY HADDOCK.



Fifteen Spined Stickleback nest and eggs.



1 The Mitre. 2 The bearded Umbrello.



1 Gilt Head. 2 The Braizer.

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## BRITISH FISHES



1 The Hake. 2 The Ling.



1 The Vondace. 2 The Argentine.



1 The Torsh. 2 Great Forked Beard.



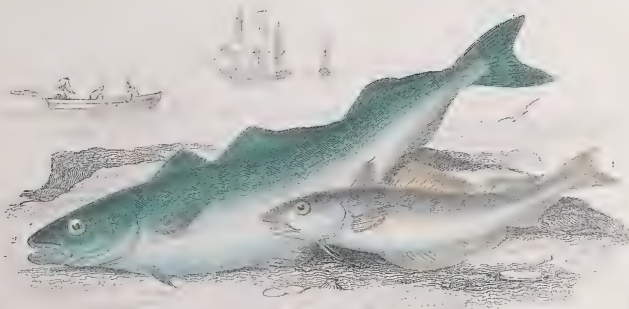
1 The Smelt or Sparling. 2 The Groyling.



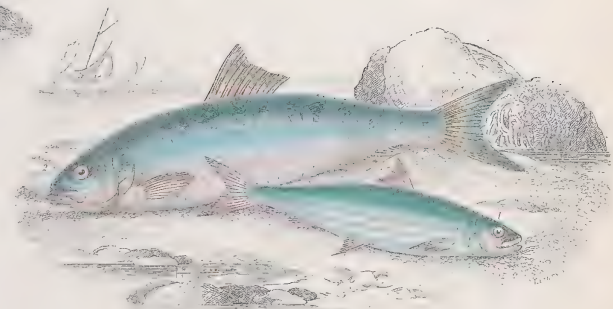
1 Sea Loch. 2 Five Banded Rockling.



1 The Herring. 2 The Sprat.

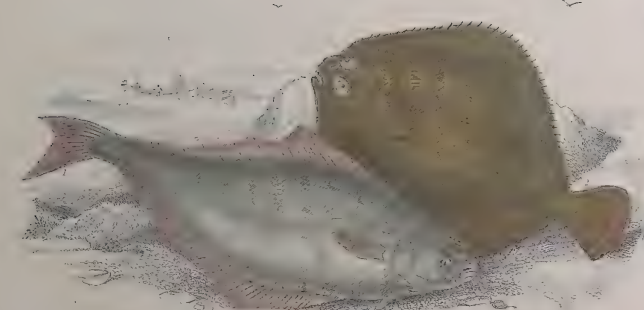


1 THE WHITING. 2. THE COAL FISH

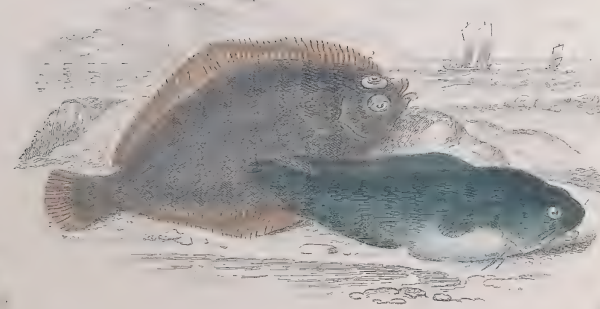


1 The Filchard. 2 The Twait Shad.

1. THE COMMON



1 The Halibut. 2 The Turbot.



1 The Tadpole Fish. 2 Salt water Flounder



1 The Sole. 2 The Variegated Sole

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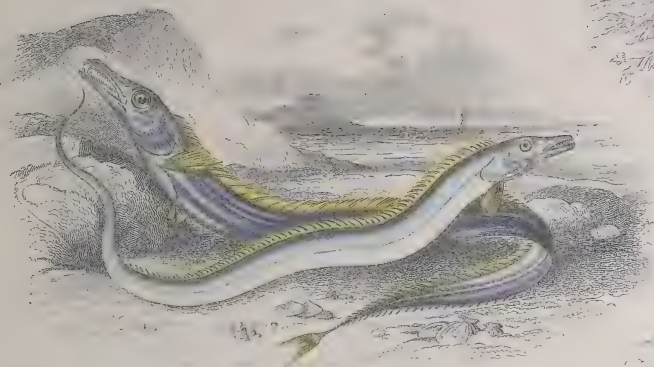






# LEAVES FROM THE BOOK OF NATURE BRITISH FISHES

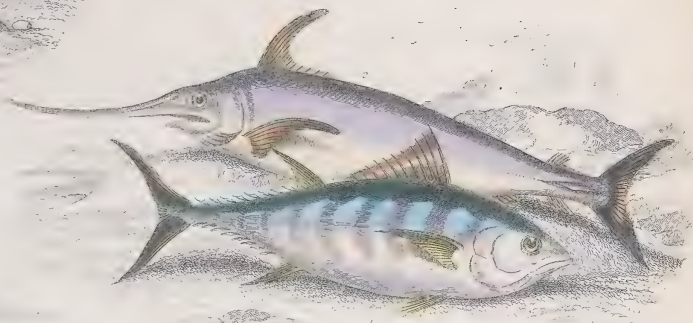
12



1 Silver Hair-tail. 2 Spotted Fish.



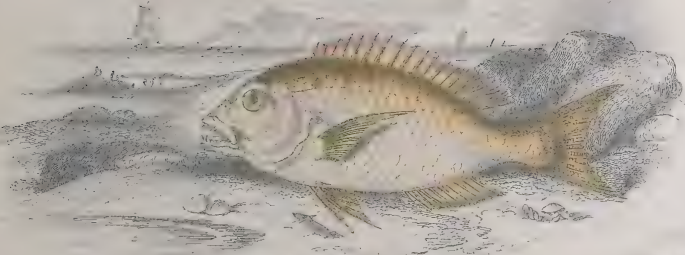
1 Butterfly Fish. 2 Gartered Blenny.



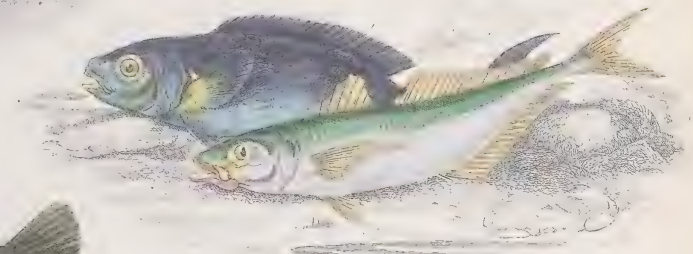
1 Plain Bonito. 2 Sword Fish.



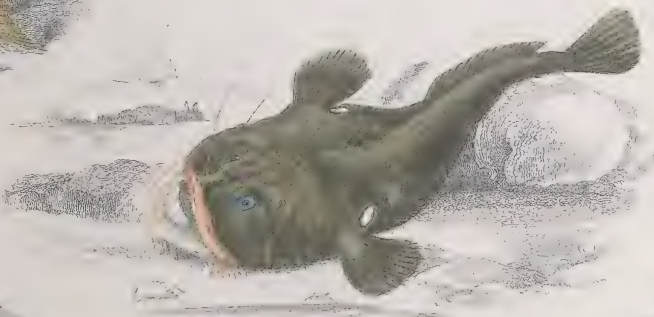
1 TOP SEA BREAM. 2 THE SEA BREAM.



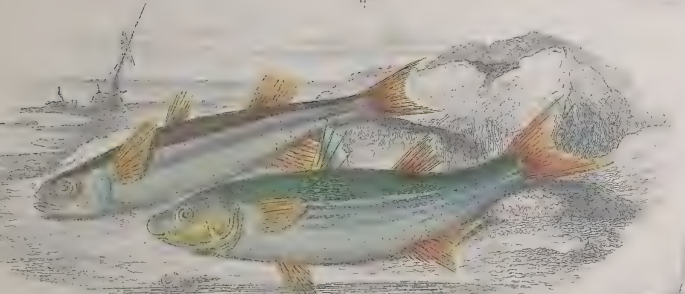
Four-toothed Sparus.



1 Black Fish. 2 Horse Mackerel.



Common Frog.



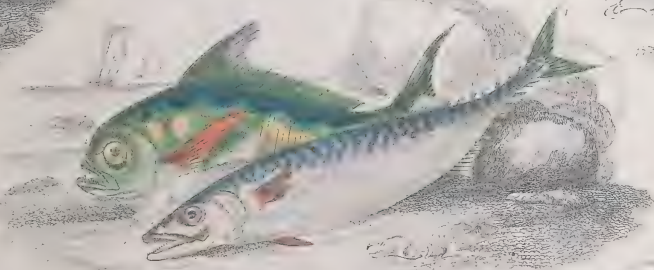
1 Thick-tipped Grey Mullet. 2 Sand Smelt.



1 Hopkins Cyprinodont. 2 Red Band Fish.



Wolf Fish.



1 Mackerel. 2 Ray's Bream.



THE DORY



Common Dragonet.

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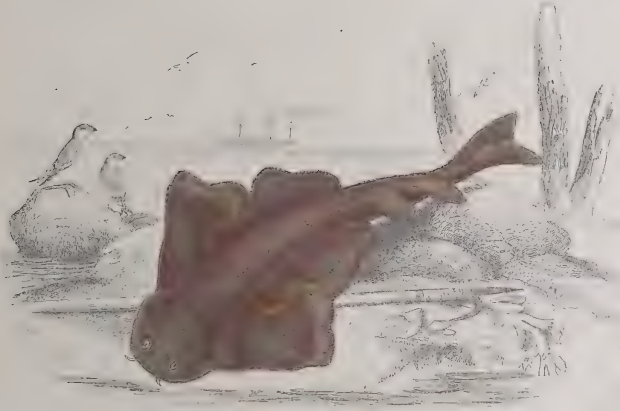
BRITISH FISH



1 The Hammer-headed Shark. 2 Common Tope.



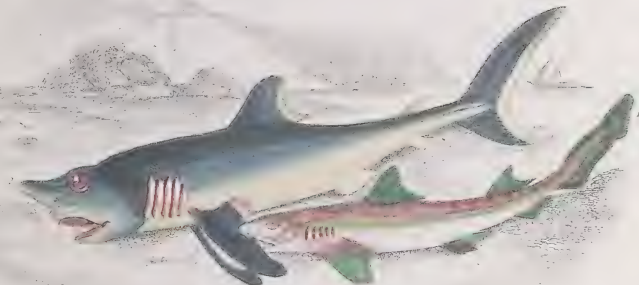
1 The Fox Shark. 2 The Piked Dog Fish.



The Angel Fish.



Old British Torpedo.



1 The Smooth Hound. 2 The Porbeagle.



The Basking Shark.



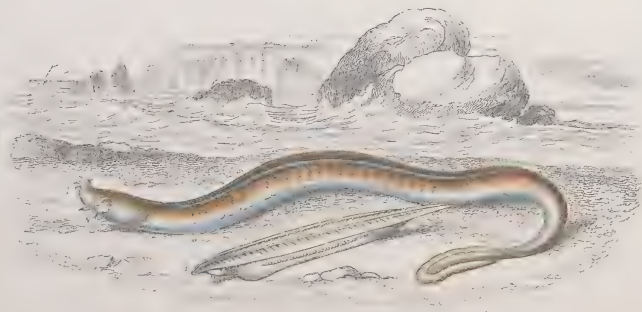
The Spinous Shark.



The Eagle Ray.



1 The Lamprey. 2 The Eel.



1 The Glutinous Hag. 2 The Lancelet.

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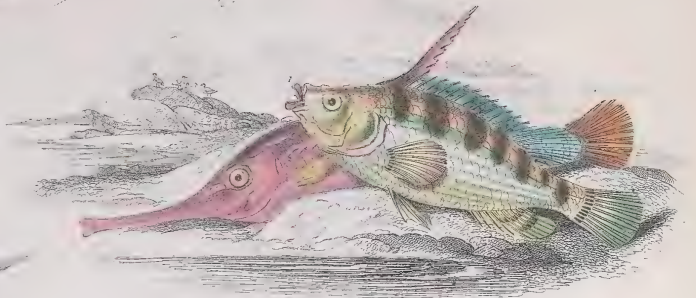
# LEAVES FROM THE BOOK OF NATURE BRITISH FISHES



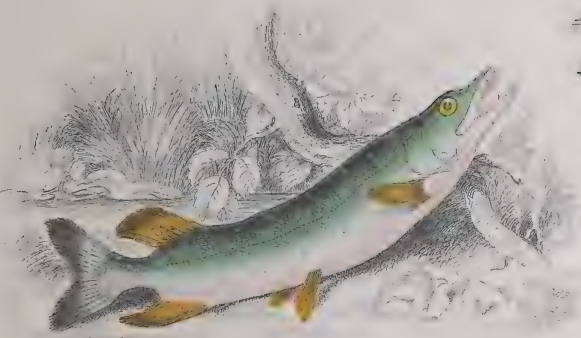
1. Carp. 2. Roach.



Flying Fish



1. Jagers. 2. Trampet Fish.



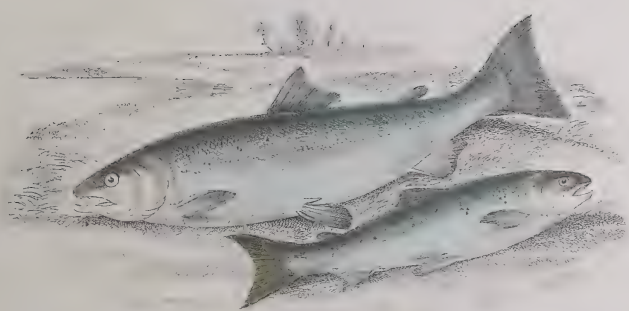
THE PIKE



PAR



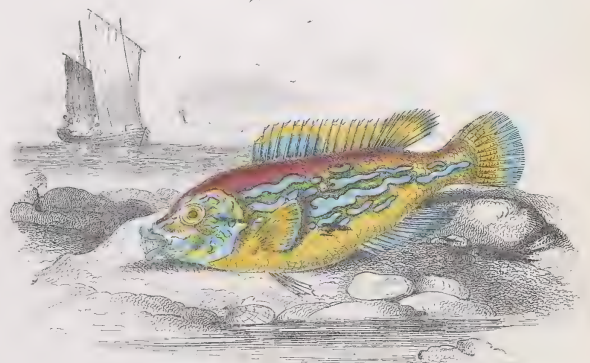
1. Salmon. 2. Trout.



1. Full grown Salmon. 2. Salmon Eggs.



1. The Loach. 2. The Groundling.



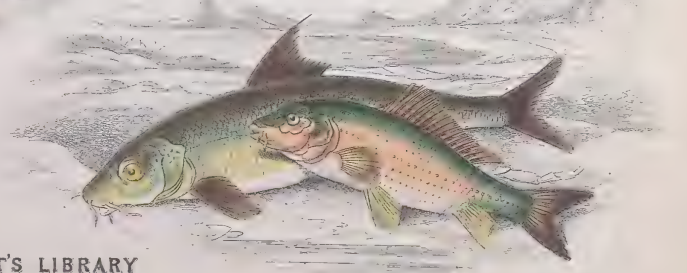
Blue Striped Wrasse.



1. Gudgeon. 2. Tench.



1. The Garfish. 2. The Saury Pike.



1. Common Gudgeon.

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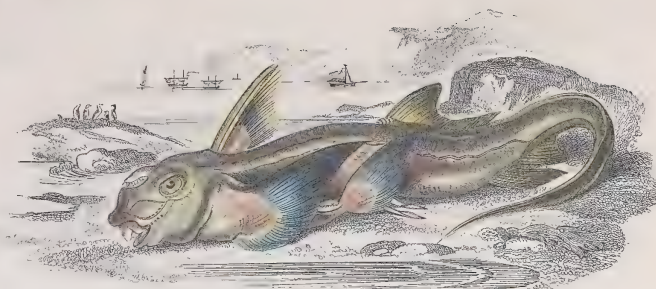




LEAVES  
FROM THE BOOK OF NATURE  
BRITISH FISHES



1. The seahorse 2. The pipefish



1. Northern Chinaman.



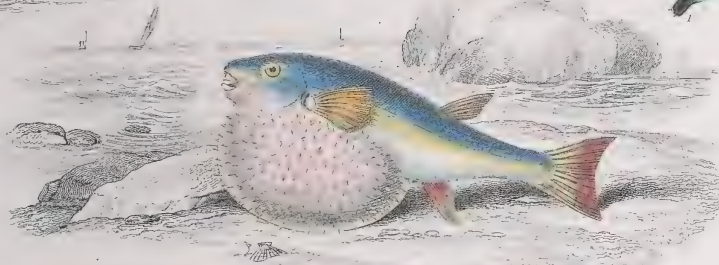
1. The Cornish Sucker 2. The Lump Sucker.



The Murena.



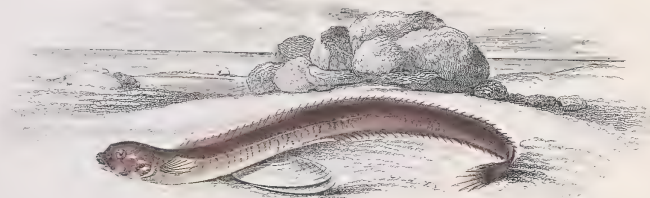
1. The sharp-nosed Eel. 2. The Conger Eel.



THE PUFFER FISH



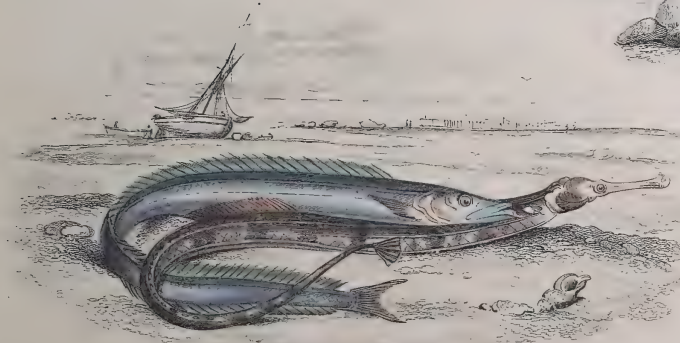
1. The Unicorn Sucker 2. The Common Remora.



The Beardless Ophidium.



European File fish



1. The Sand Eel. 2. The Great pipefish.



Blotched Dog Fish

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BANDED OPHIURUS.  
Coast of Island of Guam.



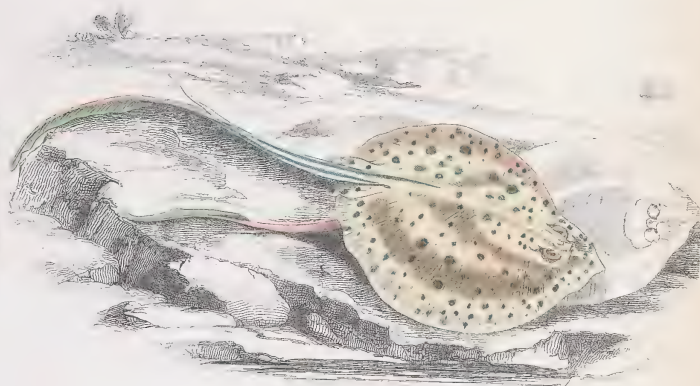
ORIENTAL DACTYLOPTERUS.  
Coast of the Isle of France.



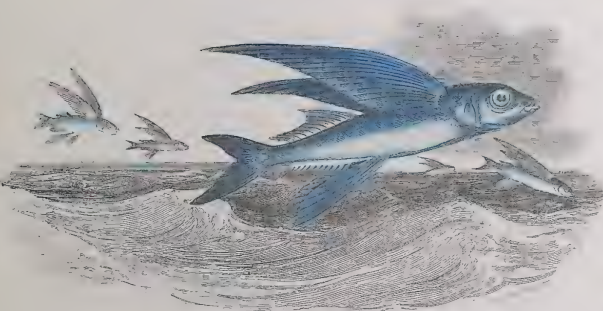
SPINGOLA'S THACRITTERUS.  
European Seas.



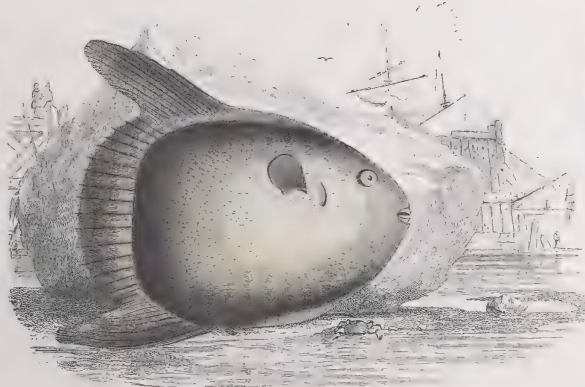
ARGUS PTERACLIS.  
Maree of the Mozambique.



BALGUS'S SPINE-TAILED RAY.  
Coast of New Ireland.



COMMON FLYING FISH.  
British Seas.



SHORT SUN FISH.  
British Seas.



Coast of New Ireland.



NEW ZEALAND GURNARD.  
New Zealand.



HORNED ZANCUS OR CHETODON.  
Cape Verde Islands.

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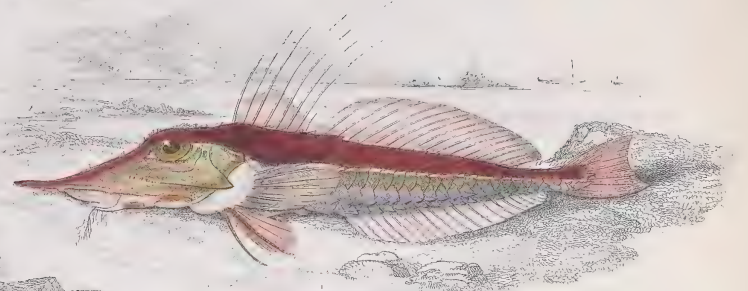








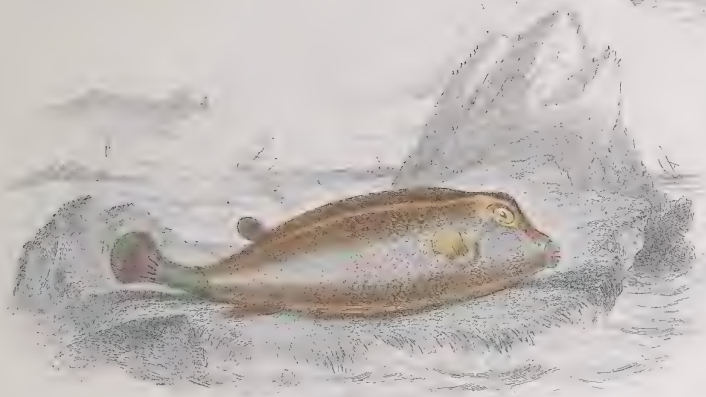
HORNED OSTRACION  
Mediterranean.



NAILED PERISTEDION  
Mediterranean.



YELLOW BELLED ACANTHURUS.  
Indian Seas



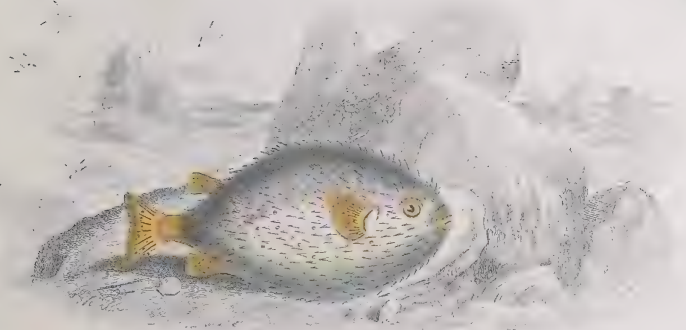
SPOTTED PUFFER  
Bay of France



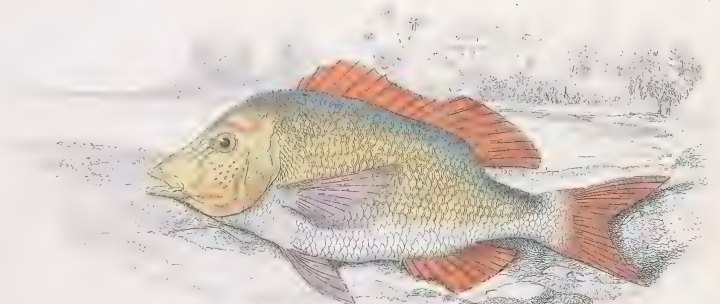
RADIATED WEAVER  
Mediterranean



ARMED MONACANTHUS  
Japanensis



PUFFER FISH  
Tropics



EDIBLE LETHRINUS  
Indian Seas



PORT PHALLIN HALIBUT  
Ireland



BACK'S GRAYLING  
North America.



BLAINVILLE'S PIKED DOGFISH  
Canadian Shores.

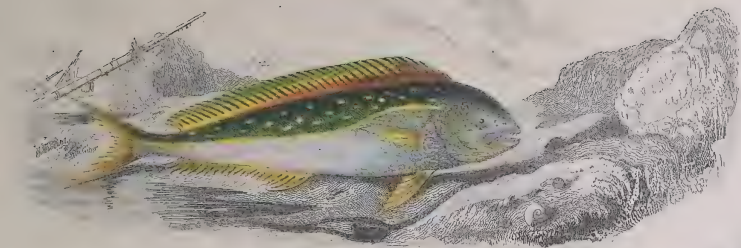
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# LEAVES FROM THE BOOK OF NATURE FISHES



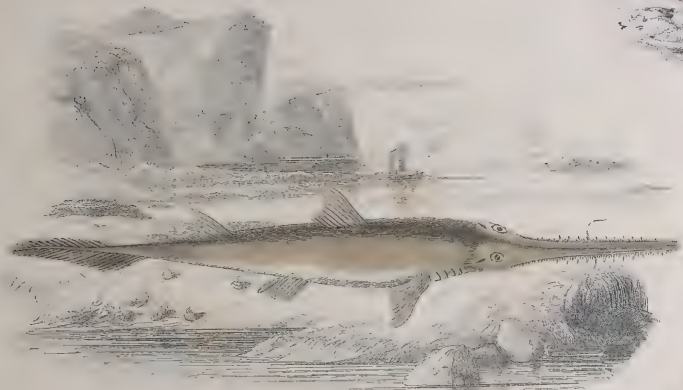
DOLPHIN OF THE ANCIENTS



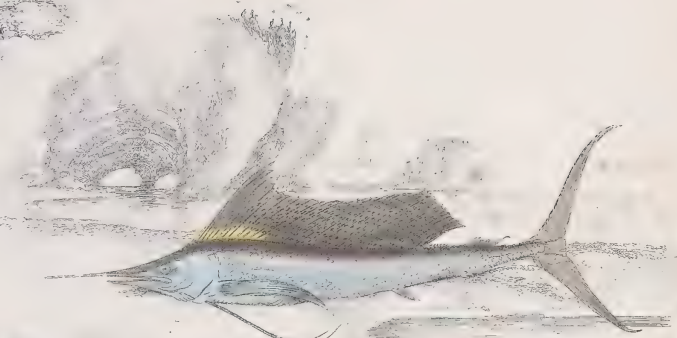
ATLANTIC CORYPHÆA OR DOLPHIN  
St. Helena &c



WHITE SHARK



SERRATED SAW FISH  
Gulf of Mexico



INDIAN XIPHIROIDES



PAINTED LABRUS  
Cape of Good Hope



BLUE SHARK



FOUR HORNED ASPIDOCHELONE



LONG-BEAKED CHEILODACTYLUS  
Indian Ocean



FLATFISH  
Atlantic Ocean



COMMON SWORD-FISH

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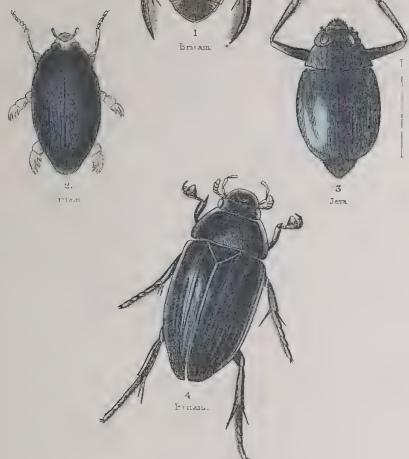
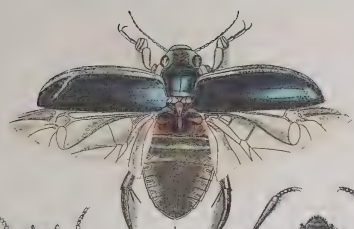






# LEAVES FROM THE BOOK OF NATURE.

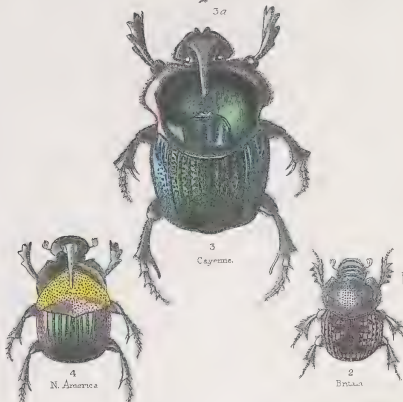
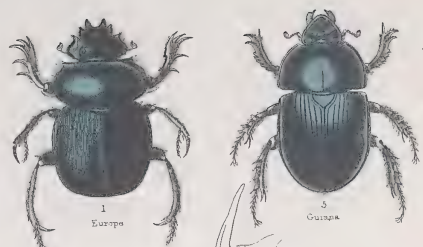
## BEE TLES



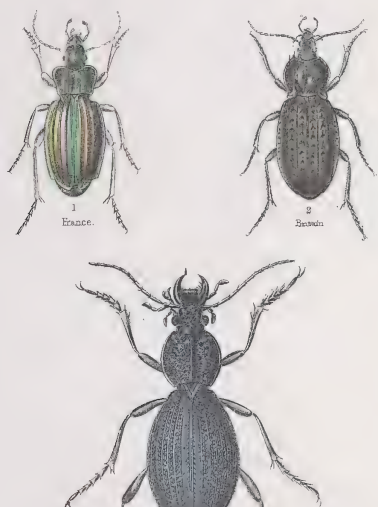
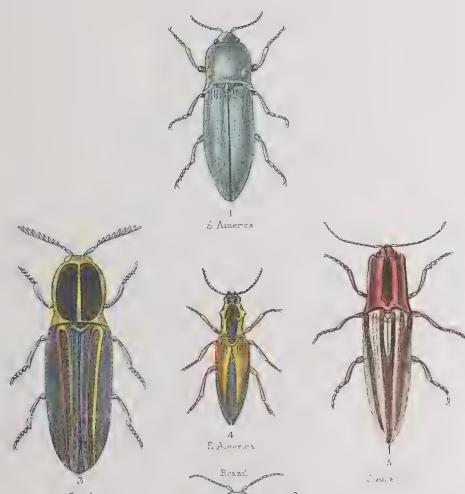
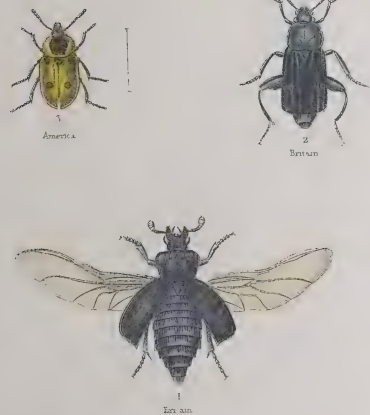
1. *Dytiscus dimidiatus*. 3. *Cyclon. vittatus*.  
2. *Hydrous nalis*. 4. *Hydrous piceus*.



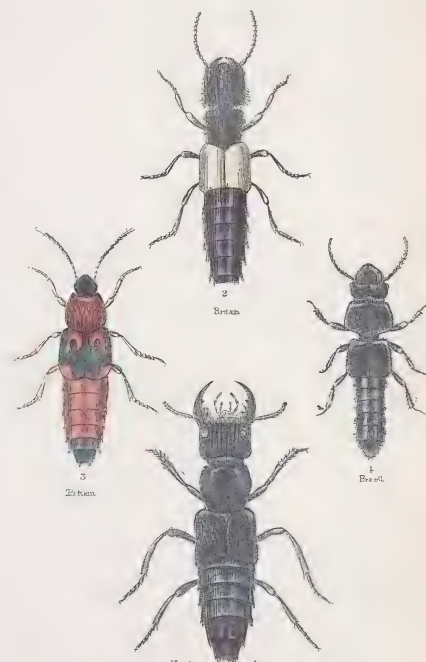
Shining Buprestis. The resplendent Wren.



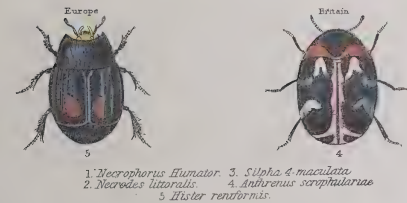
1. *Ateuchus sacer*. 2. *Onthophagus Dilbeensis*. 3. *Phanaeus lividus*.  
4. *Phanaeus carnifex*. 5. *Cassidix sericeus*.



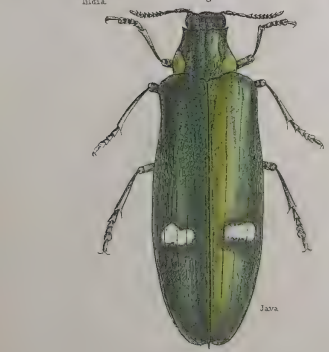
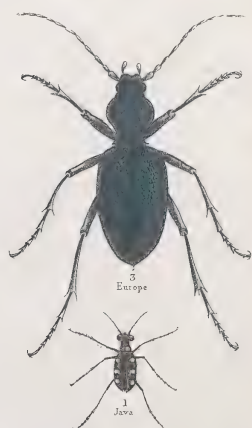
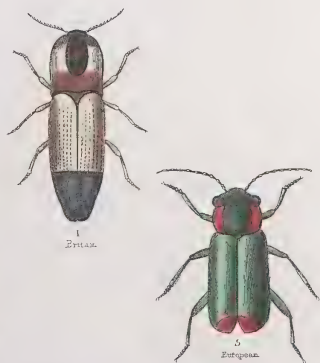
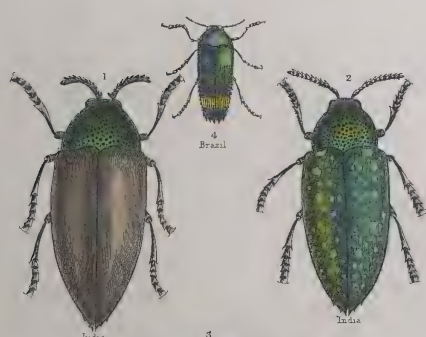
1. *Carabus auratus*. 2. *Carabus clathratus*.  
3. *Tettus Meyerici*.



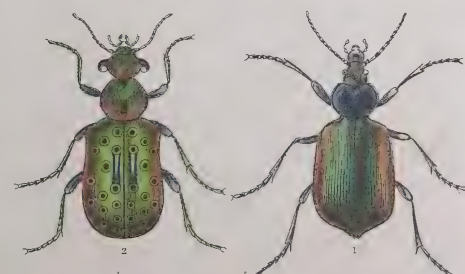
1. *Scaphylinus erythrus*. 3. *Bolitophus atricapillus*.  
2. *Tenthredinus fulgidus*. 4. *Zirephorus exaratus*.



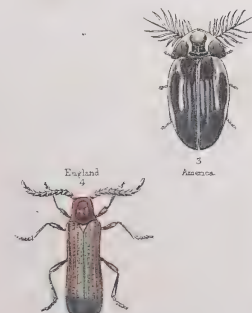
1. *Neocrophorus fumator*. 3. *Silpha maculata*.  
2. *Neocrophus littoralis*. 4. *Anthrrenus scrophulariae*.  
5. *Ilister reniformis*.



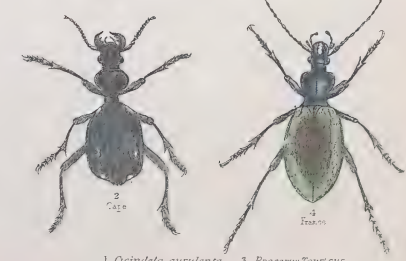
1. *Buprestis chrysis*. 3. *Buprestis bicolor*.  
2. *Buprestis strimmaris*. 4. *Buprestis anachis*.



1. *Callosoma Sycophanta*. 2. *Elaphrus riparius*. 3. *Mormolyce phyllodes*.



1. *Elater melanoccephalus*. 4. *Lycus festinus*.  
2. *Lampyris italica*. 5. *Blattella marginellus*.  
3. *Lampyris latreillei*. 6. *Procerus variegatus*.



1. *Acineta aurulenta*. 3. *Procerus tauricus*.  
2. *Aphid. deconjugata*. 4. *Carabus hispanus*.

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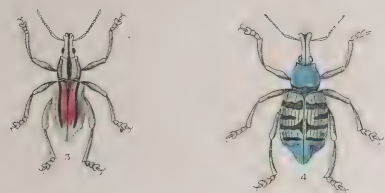
and sold by all Book & Print Sellers.







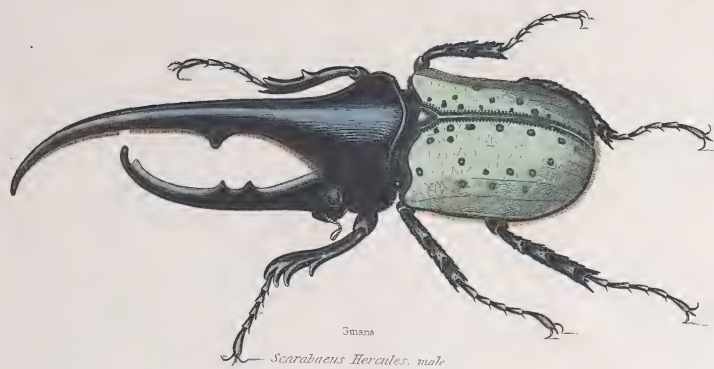
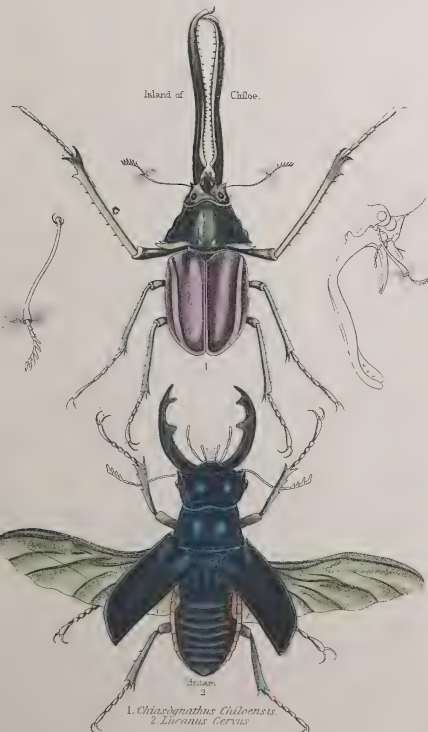
# LEAVES FROM THE BOOK OF NATURE BETLES



1. *Bredius anchorago*. 2. *Rhin. barbarostis*. 3. *Circulio Cuvieri*.  
4. *Circulio Geoffroyi*. 5. *Circulio vittatus*. 6. *Circulio sphaelidus*.



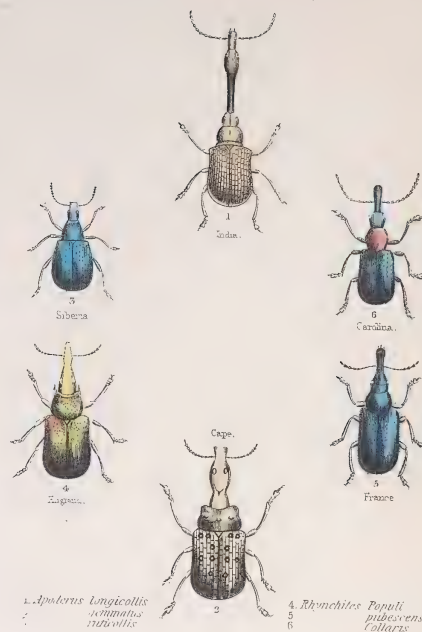
1. *Cetonia fasciculata*. 2. *Cetonia Macleayi*. 3. *Cetonia discolorata*.  
4. *Cetonia discolorata*. 5. *Cetonia nervosa*. 6. *Cetonia marmorata*.



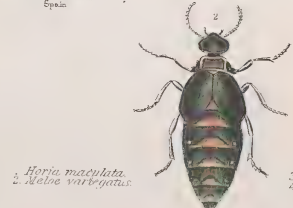
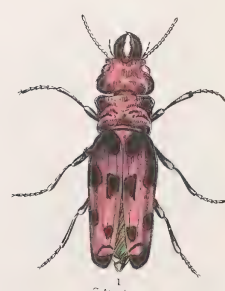
1. *Scarabaeus Tiber*.  
A male 2 female



1. *Scarabaeus maritimus*. 2. *Scarabaeus chrysocollus*.



1. *Apoderus longicollis*. 2. *Apoderus longicollis*. 3. *Apoderus longicollis*.  
4. *Rhynchites Populi pubescens*. 5. *Rhynchites Populi pubescens*. 6. *Rhynchites Populi pubescens*.



1. *Horis maculata*. 2. *Horis maculata*.

3. *Cantharis vesicatoria*. 4. *Cantharis vesicatoria*.

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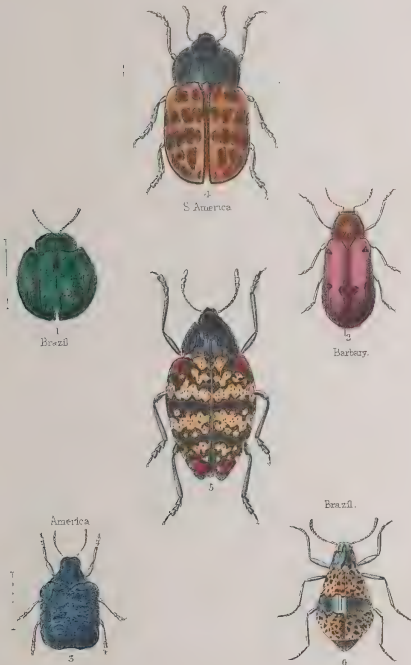
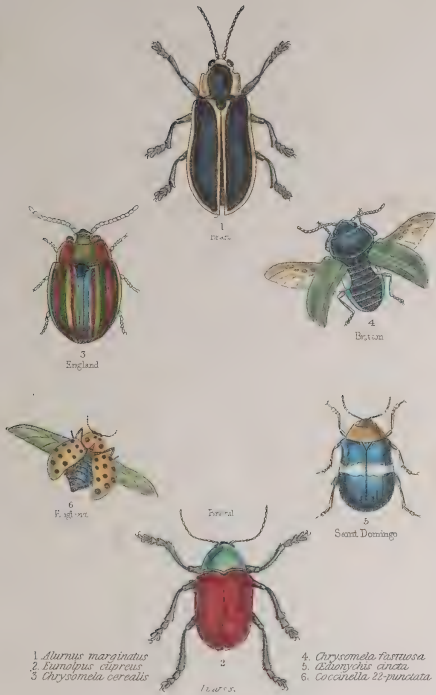


# LEAVES FROM THE BOOK OF NATURE

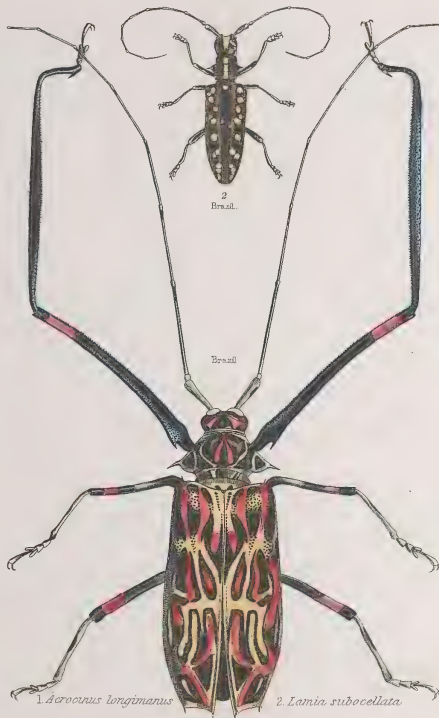
## BETTERIES



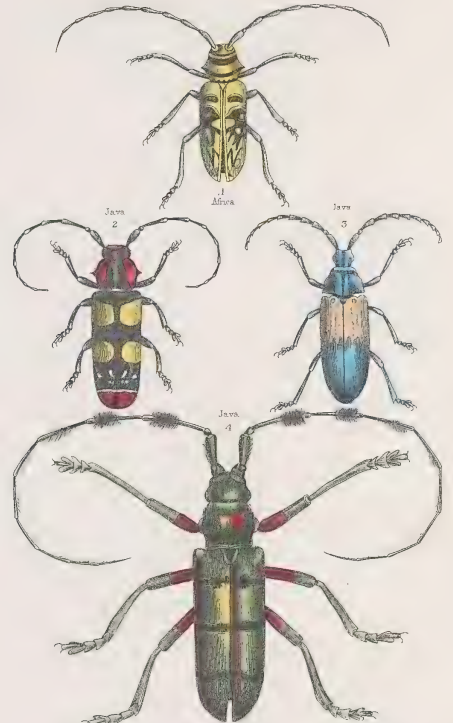
*Prionus Cervicornis*



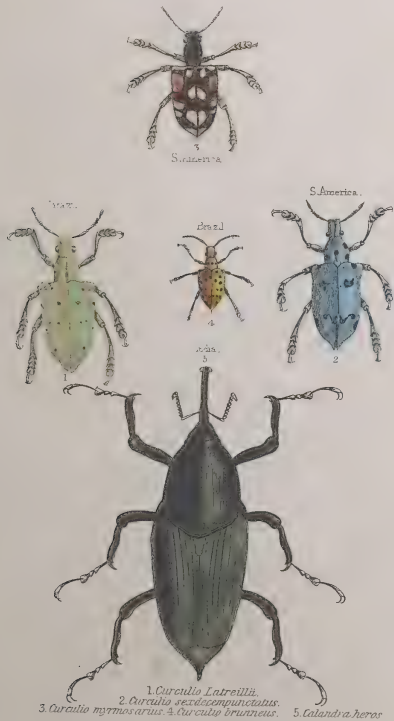
1. *Cassida serripunctata* 2. *Clythra hirta* 3. *Chilomena monstrosa*  
4. *Doryphora tessellata* 5. *Kryptus histrio* 6. *Spheniscus erythrinus*



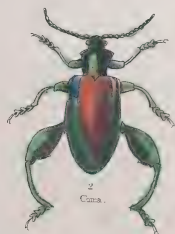
1. *Acrocinus longimanus* 2. *Lamia subocellata*



1. *Lamia erosa* 2. *Lamia formosa* 3. *Dasmocerus cyanus* 4. *Lamia tricolor*

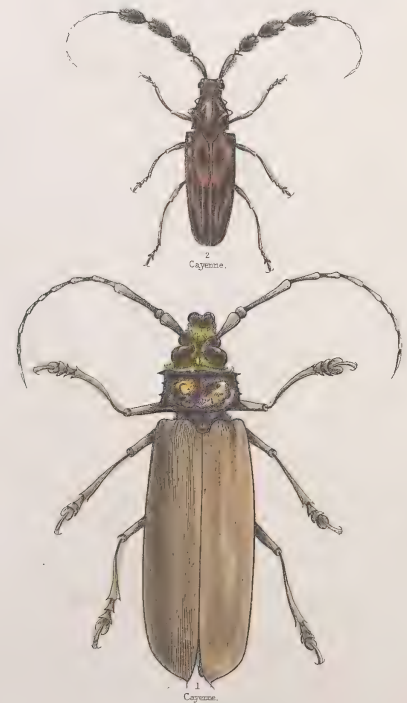


1. China



2. Cura

*Sagra buquetii*  
1. male 2. female



1. *Prionus corticinus* 2. *Lophoceros barbicornis*

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# LEAVES FROM THE BOOK OF NATURE FOREIGN BUTTERFLIES



1 *Pieris belissima*  
2 *Anthracinus datus*  
3 *Phaenocarpa*  
From Africa & India



1 *Leptocircus curvus*, 2 *Thais metacarpus*  
1 from Siam, 2 Europe &c.



1 *Vanessa juliana*  
2 *Amathus*  
3 *Veronica*  
1 from Amboyna, 2 Brazil, 3 China.



1, 2 *Heliconia floris*  
3 *Heliconia daphnia*  
4 *Heliconia psithoe*  
1 & 2 from Surinam, 3 Jamaica, 4 Africa



*Rhiphaeus dasycephalus*  
From China



1, 2 *Polyommatus marisus*  
3, 4 *Eulymnion*  
1 & 2 from S. America, 3 & 4 Surinam



1 *Lydia doaniana*, 2 *Lydia*  
1 from S. America, 2 E. Asia.



1, 2 *Erucina melbaeus*  
3 *Erucina melbaeus*  
1 & 2 from Brazil, 3 Africa.



*Morpho helenor*  
From S. America

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FOREIGN BUTTERFLIES



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# LEAVES FROM THE BOOK OF NATURE

6

## FOREIGN BUTTERFLIES



*1. 2. Parnassius hector*  
Endymion  
1 & 2 from S. America. 3 & 4 Surinam.



*1. 2. 3. 4. Parnassius hector*  
Endymion  
1 & 2 from Brazil 3 Africa



*1. 2. 3. 4. Parnassius hector*  
Endymion  
1 & 2 from Brazil 3 Africa



*Rhaphis Dasyccephalus*  
From China.



*Morpho Helenus*  
From S. America



*1. Morpho Helenus 2. Parnassius hector*  
Brazil



*1. 2. 3. 4. Parnassius hector*  
Endymion  
1 & 2 from Brazil 3 Africa



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# LEAVES FROM THE BOOK OF NATURE

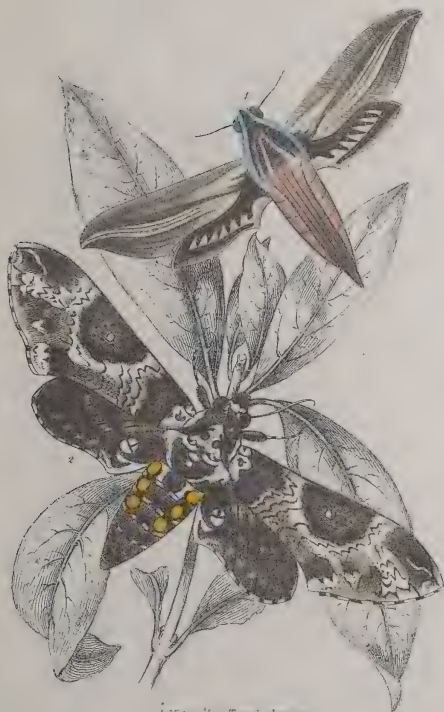
## FOREIGN MOTHS



1. *Heliconia cruentata* Australis  
2. *Anthomyza dierkei* Do.



*Phalangelus vites*.



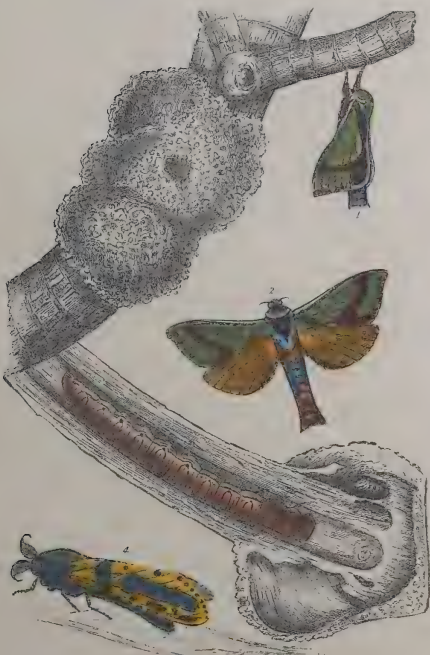
1. *Phalangelus vites* Do.  
2. *Sphinx chinensis* Do.



1. *Agriotes picta* New Zealand  
2. *Euxestus leucis* China  
3. *maculatrix* Assam



1. *Euxestus leucis* Assam  
2. *Euxestus pulchellus* Assam  
3. *Amusia sanguiflua* Assam



1. 2. *Hepialus lignivora* New South Wales  
3. Caterpillar of Do.  
4. *Zeuzera mabeu* Bengal



1. 2. 3. Caterpillars of *A. Erithraea*  
4. do of *A. Volina*  
5. do of *A. Rissa*  
6. do of *A. Nitida*



1. Caterpillar of *Metanema terca* *Erithraea*  
2. do of *Sphinx chinensis*  
3. do of *Sphinx chinensis*

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# LEAVES FROM THE BOOK OF NATURE FOREIGN MOTHS

8



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# LEAVES FROM THE BOOK OF NATURE

9

## FOREIGN MOTHS



1. *Ascalapha* *Ascalapha* *Ascalapha*  
2. *Ascalapha* *Ascalapha* *Ascalapha*  
3. *Ascalapha* *Ascalapha* *Ascalapha*



1. *Ascalapha* *Ascalapha* *Ascalapha*  
2. *Ascalapha* *Ascalapha* *Ascalapha*  
3. *Ascalapha* *Ascalapha* *Ascalapha*



1. *Ascalapha* *Ascalapha* *Ascalapha*  
2. *Ascalapha* *Ascalapha* *Ascalapha*  
3. *Ascalapha* *Ascalapha* *Ascalapha*



1. *Ascalapha* *Ascalapha* *Ascalapha*  
2. *Ascalapha* *Ascalapha* *Ascalapha*  
3. *Ascalapha* *Ascalapha* *Ascalapha*



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3. *Ascalapha* *Ascalapha* *Ascalapha*



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2. *Ascalapha* *Ascalapha* *Ascalapha*  
3. *Ascalapha* *Ascalapha* *Ascalapha*



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2. *Ascalapha* *Ascalapha* *Ascalapha*  
3. *Ascalapha* *Ascalapha* *Ascalapha*



1. *Ascalapha* *Ascalapha* *Ascalapha*  
2. *Ascalapha* *Ascalapha* *Ascalapha*  
3. *Ascalapha* *Ascalapha* *Ascalapha*

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# LEAVES FROM THE BOOK OF NATURE

## BRITISH BUTTERFLIES



1. *Pieris Rapae* Males  
Small White B.



1. *Papilio Macdoni*  
Swallow Tail B.  
2. *Papilio deione*  
Swallow Tail B.



1. *Gonepteryx Rhamni*  
Brimstone B.  
2. *Colias edusa*  
Clouded yellow B.



1. *Colias hyale*  
Pale clouded yellow  
2. *Colias eurytheme*  
Scarce clouded yellow B.



Large Copper, & Common Blue Butterflies



1. *Pieris cardui* Males  
Early White cabbage B.  
2. *Pieris cardui* Females  
Early White cabbage B.  
3. *Pieris cardui* Males  
Early White cabbage B.  
4. *Pieris cardui* Females  
Early White cabbage B.  
5. *Pieris cardui* Males  
Early White cabbage B.



1. *Pieris napi*  
Green veined White  
2. *Pieris napi*  
Both White



Orange tip

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# LEAVES FROM THE BOOK OF NATURE

## BRITISH BUTTERFLIES



1 *Argynnis Paphia*, 2 *Melitaea Carya*,  
3 *Chryseis Euboea*, 4 *Chryseis Euboea*



1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*



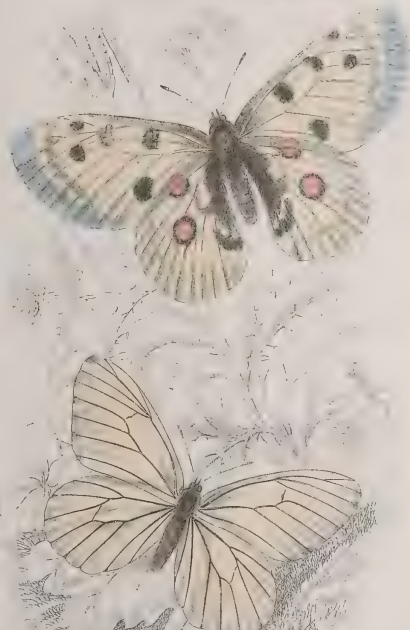
1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*



1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*



1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*



1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*



1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*



1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*



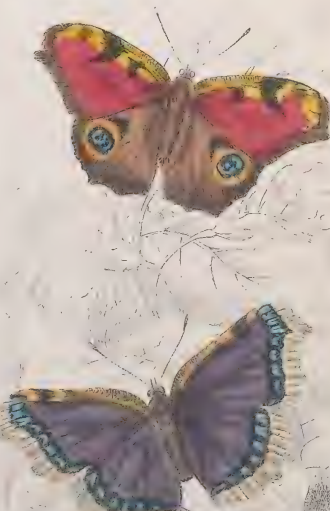
1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*



1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*



1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*



1 *Antanissa*, 2 *Antanissa*, 3 *Antanissa*, 4 *Antanissa*

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# LEAVES FROM THE BOOK OF NATURE

## BRITISH BUTTERFLIES



1 Hipparchia linus. Small Ringlet.  
2 Polyommatus icarus. Small Ringlet.  
3 Papilio polyx. Small Ringlet.



1 Hipparchia linus. Small Ringlet.  
2 Polyommatus icarus. Small Ringlet.  
3 Papilio polyx. Small Ringlet.



1 Lysena chrysois. 2 Lysena hipparchia. 3 Lysena chrysois.  
Purple edged Copper. Dark underwing Copper. Common.  
Lysena chrysois.



1 Lysena chrysois. 2 Lysena hipparchia. 3 Lysena chrysois.  
Purple edged Copper. Dark underwing Copper. Common.  
Lysena chrysois.



1 Lysena chrysois. 2 Lysena hipparchia. 3 Lysena chrysois.  
Purple edged Copper. Dark underwing Copper. Common.  
Lysena chrysois.



1 Hipparchia linus. Small Ringlet.  
2 Polyommatus icarus. Small Ringlet.  
3 Papilio polyx. Small Ringlet.



1 Hipparchia linus. Small Ringlet.  
2 Polyommatus icarus. Small Ringlet.  
3 Papilio polyx. Small Ringlet.



1 Lysena chrysois. 2 Lysena hipparchia. 3 Lysena chrysois.  
Purple edged Copper. Dark underwing Copper. Common.  
Lysena chrysois.



1 Lysena chrysois. 2 Lysena hipparchia. 3 Lysena chrysois.  
Purple edged Copper. Dark underwing Copper. Common.  
Lysena chrysois.



1 Hipparchia linus. Small Ringlet.  
2 Polyommatus icarus. Small Ringlet.  
3 Papilio polyx. Small Ringlet.



1 Hipparchia linus. Small Ringlet.  
2 Polyommatus icarus. Small Ringlet.  
3 Papilio polyx. Small Ringlet.

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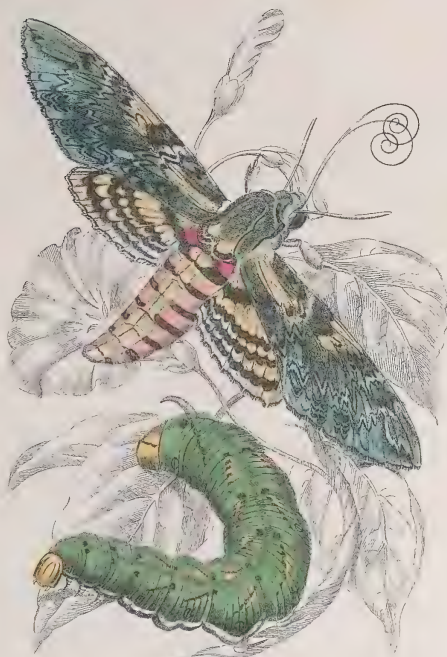




**LEAVES**  
FROM THE BOOK OF NATURE  
**BRITISH MOTHS**



1 Crested Skipper 2 Dingy Skipper 3 Chequered Skipper 4 Small Skipper



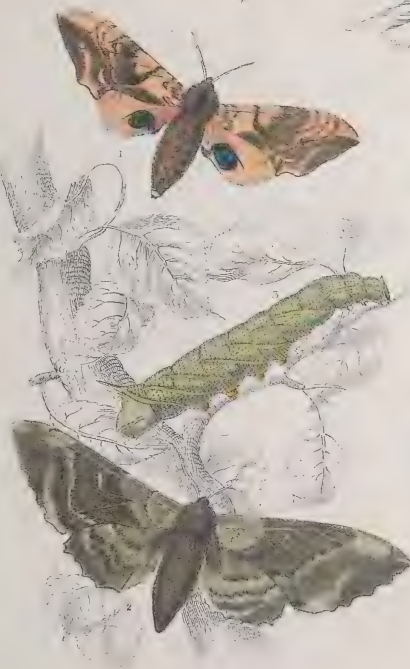
*Common Hawk-moth*



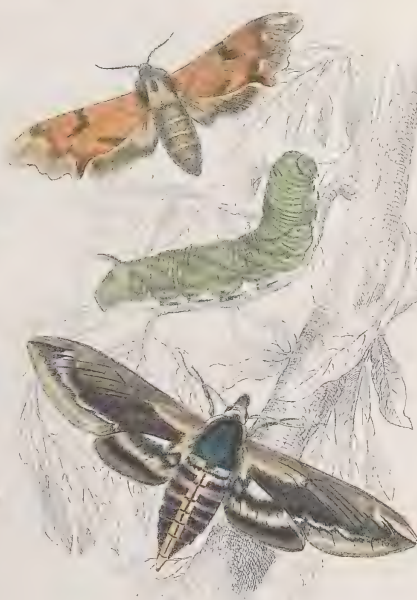
1 Large Skipper 2 Pearl Skipper 3 Green Forester  
4 Six-spined Burnet Moth 5 Five-spotted Burnet Moth



1 Pine Hawk-moth 2 Mulder Hawk-moth



1 Eyed Hawk-moth 2 Poplar Hawk-moth  
3 Caterpillar of Poplar Hawk-moth



1 Lime Hawk-moth 2 Privet Hawk-moth  
3 Caterpillar of Privet Hawk-moth



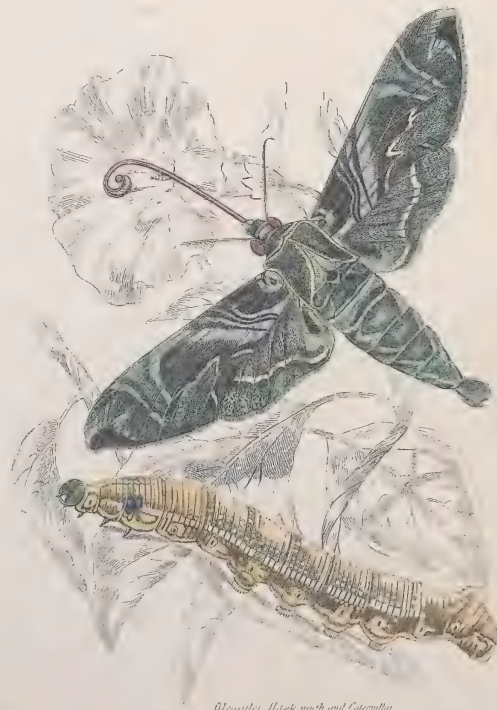
*Sharp-winged Hawk-moth*



*Death's-head Hawk-moth*



*Spotted Elephant Hawk-moth*



*Blouin's Hawk-moth and Caterpillar*

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# LEAVES

## FROM THE BOOK OF NATURE

### BRITISH MOTHS



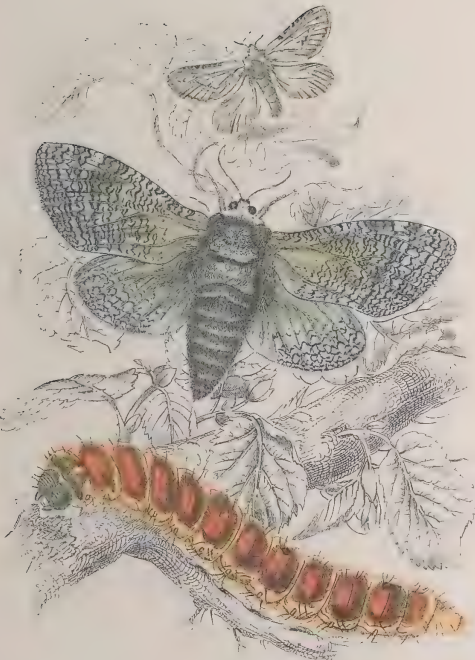
1 & 2 Black Archer, male & female  
3 Souths Tiger moth. 4 Var. of D.



1 Humming bird Hawk moth. 2 Caterpillar of D.  
3 Broad bordered live Hawk moth. 4 Narrow bordered live Hawk moth



1 Emperor Moth. 2 Caterpillar of D. 3 Oak Ragwort Moth



1 Orange Swift. 2 Goat Moth. 3 Caterpillar of D.



1 Red dot. 2 Var. of D. 3 Var. of D.



1 Puss Moth. 2 Caterpillar of D. 3 Kentish Lichen



1 & 2 Drinker Moth, male & female. 3 Lappet Moth. 4 Caterpillar of D.



1 Elephant Hawk moth. 2 Small Elephant Hawk moth. 3 Caterpillar of D.



1 Bee Clear wing. 2 Black & white harard Clear wing. 3 4 D.



1 Wood Leopard Moth. 2 Caterpillar of D. 3 Rust Tip Moth

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# LEAVES

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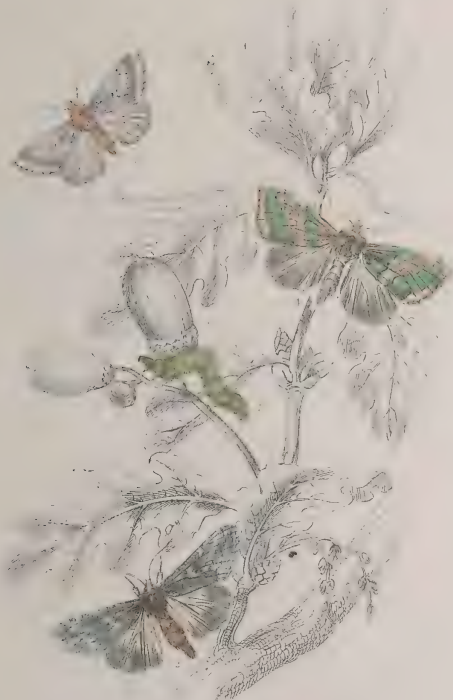
### BRITISH MOTHS



2 Large Sallow-moth 3 Caterpillar of D



1 Brambling Moth 2 Swallow-tail Moth 3 Large Emerald



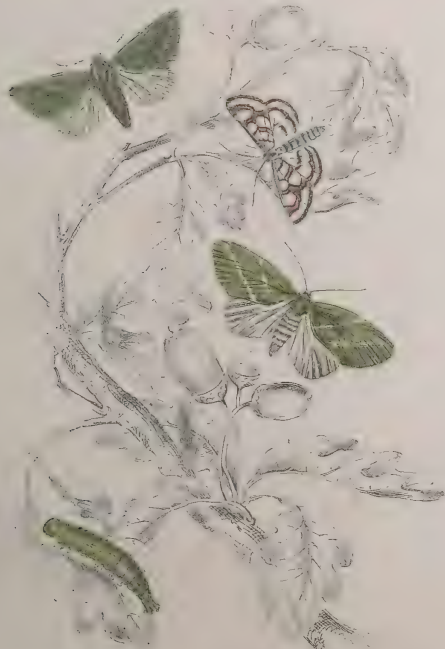
1 Pease Blossom Moth 2 Common Moth 3 Caterpillar of D  
4 Burnished brass Moth



1 Hawk-moth 2 Caterpillar of D



1 April Moth 2 Peach-blossom Moth 3 Buff Arches



1 The Hawk-moth 2 Small Tortoiseshell  
3 White-plum Moth 4 Caterpillar of D



1 Cow-worm Moth 2 & 3 Caterpillars of D  
4. Calf's-head Moth

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# LEAVES FROM THE BOOK OF NATURE



1 *Falgona candelaria* Cline  
2 *Falgona maculata* "var. 1" "var. 2"



1 *Falgona lateralis* Swinam.  
2 *Falgona lateralis* Swinam.



1 *Locusta maritima* Pers.  
2 *Locusta maritima* Pers.



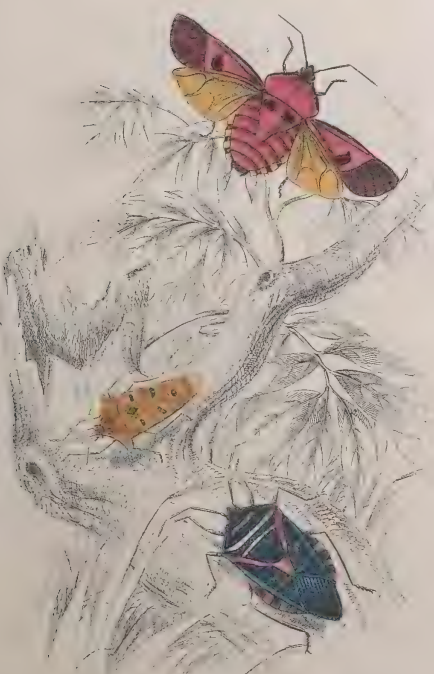
1 *Locusta cristata* 2 *Locusta flavipes*  
S. America. Case of Good Hope



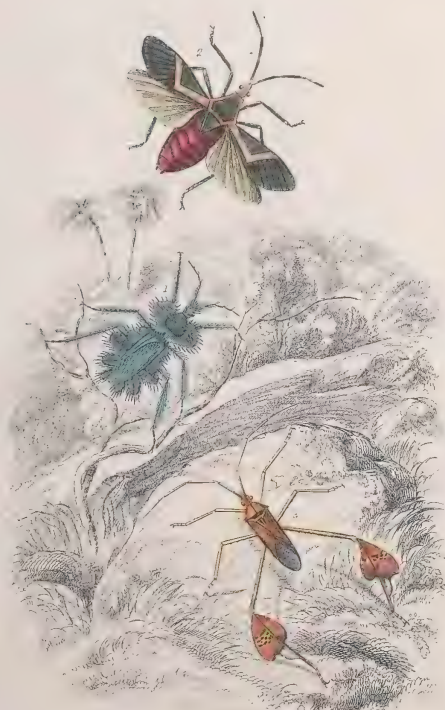
1 *Locusta cristata* Pers. 2 *Locusta cristata* Pers.



1 *Cicada plebeia* Thoms.  
2 *Cicada plebeia* Thoms.



1 *Scutellera nigra* 2 *Scutellera nigra* 3 *Scutellera nigra*  
China. Sierra Leone. China.



1 *Scutellera nigra* 2 *Scutellera nigra* 3 *Scutellera nigra*  
Cape. Sierra Leone. Egypt.



1 *Aphana submaculata* Latr.  
2 *Membricis foliata* Ceylon.

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# LEAVES FROM THE BOOK OF NATURE

17



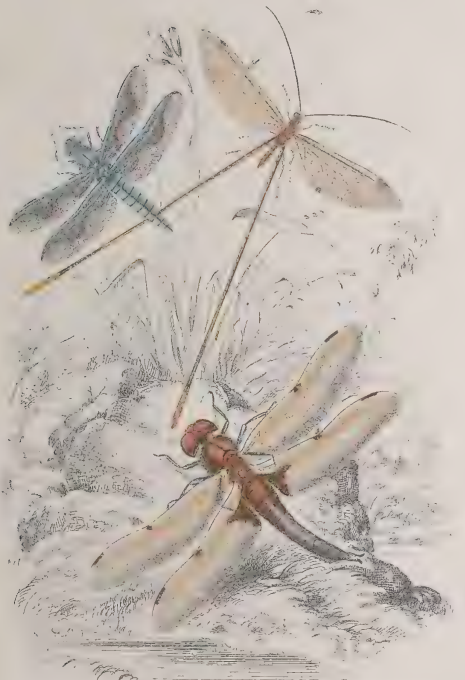
1. *Apis mellifica* Linn. 2. *Apis mellifica* Linn.



1. *Phryganea grandis* 2. *Gomphus* 3. *Achna* 4. *Culex*



1. *Erythemis* 2. *Libellula*



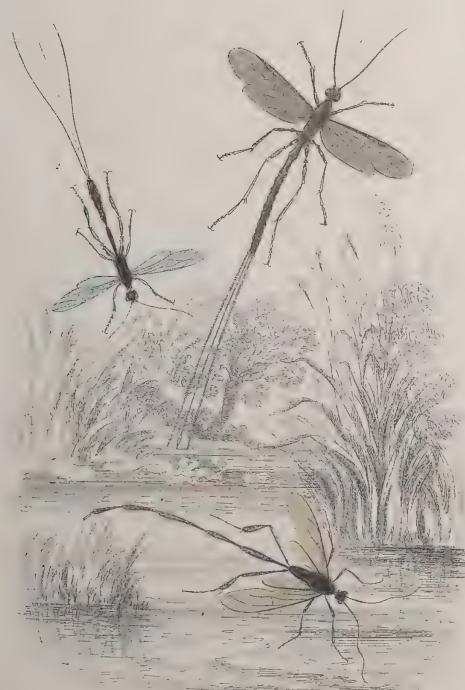
1. *Libellula* 2. *Libellula* 3. *Libellula*



1. *Libellula* 2. *Libellula*



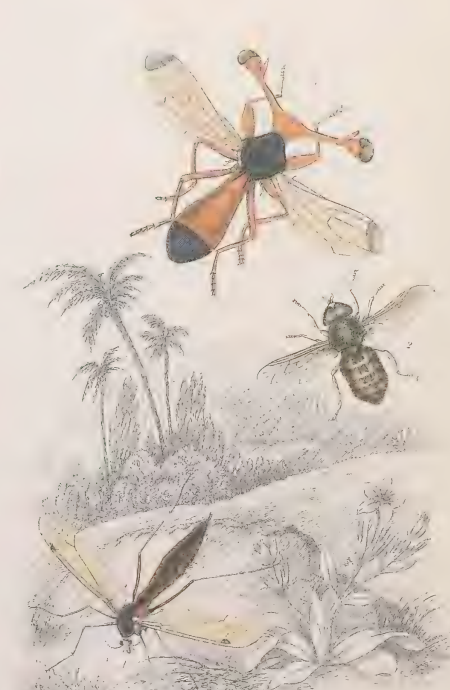
1. *Libellula* 2. *Libellula*



1. *Ponera* 2. *Stephanus* 3. *Pelecinus*



1. *Sirex* 2. *Tricentrus* 3. *Jappa*



1. *Ctenophora* 2. *Tabanus* 3. *Diopatra*

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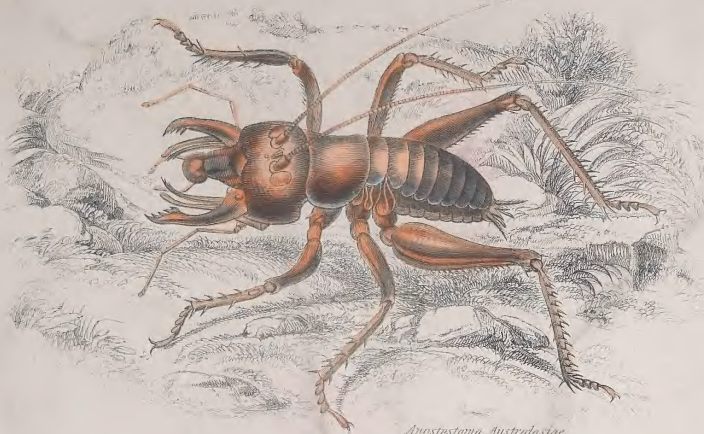




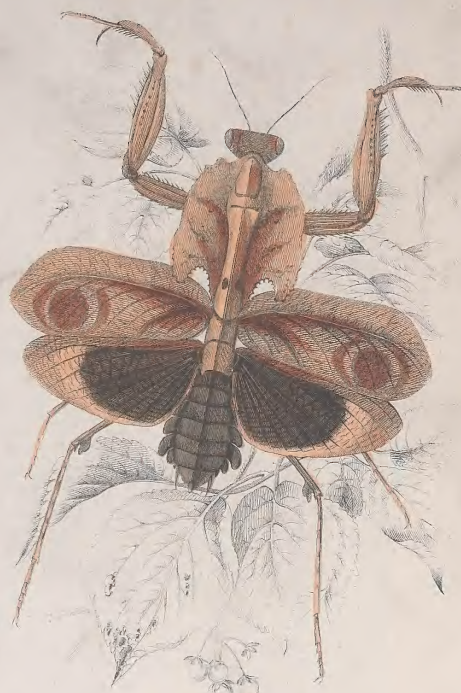
## INSECTS



*Mantis Religiosa*  
Mediterranean region



*Arostomus Australasicus*  
New Zealand



*Derophris discolor*  
Africa



1 *Blatta gigantea* 2 *Blatta pallidissima* 3 *Mormonotus allardi*  
S. America W. Indies Africa

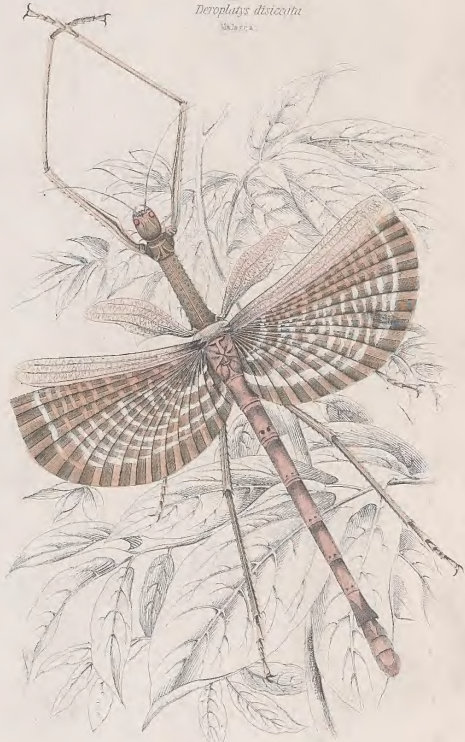


*Phyllium siccifolia*  
Notes of Linn.

The drawing of the above very interesting specimen was kindly presented to us by Henry Raper Esq. of Lincoln Inn, when the volume had been printed, &c. consequently we have not been able to insert any account of it in the list of the proper place.

PHYLLIUM SICCIFOLIA OF WALKING LEAF.

with the legs, wings and antennae in the British Museum, the insect was brought from India the principal place of the vegetable islands, N.E. of Madagascar, near the Equator, and one of them is broken, the gold-coloured metallic analogy is found of a vegetable.



*Pantodon neohololepis*  
Islands of the Tropics



1 *Acrida viridissima* 2 *Acrida viridissima* 3 *Phyllotreta vittula*  
S. America W. Indies Africa



1 *Empusa pennata* 2 *Empusa pennata* 3 *Empusa pennata*  
S. America W. Indies Africa



*Phyllotreta vittula*  
Islands of the Tropics

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